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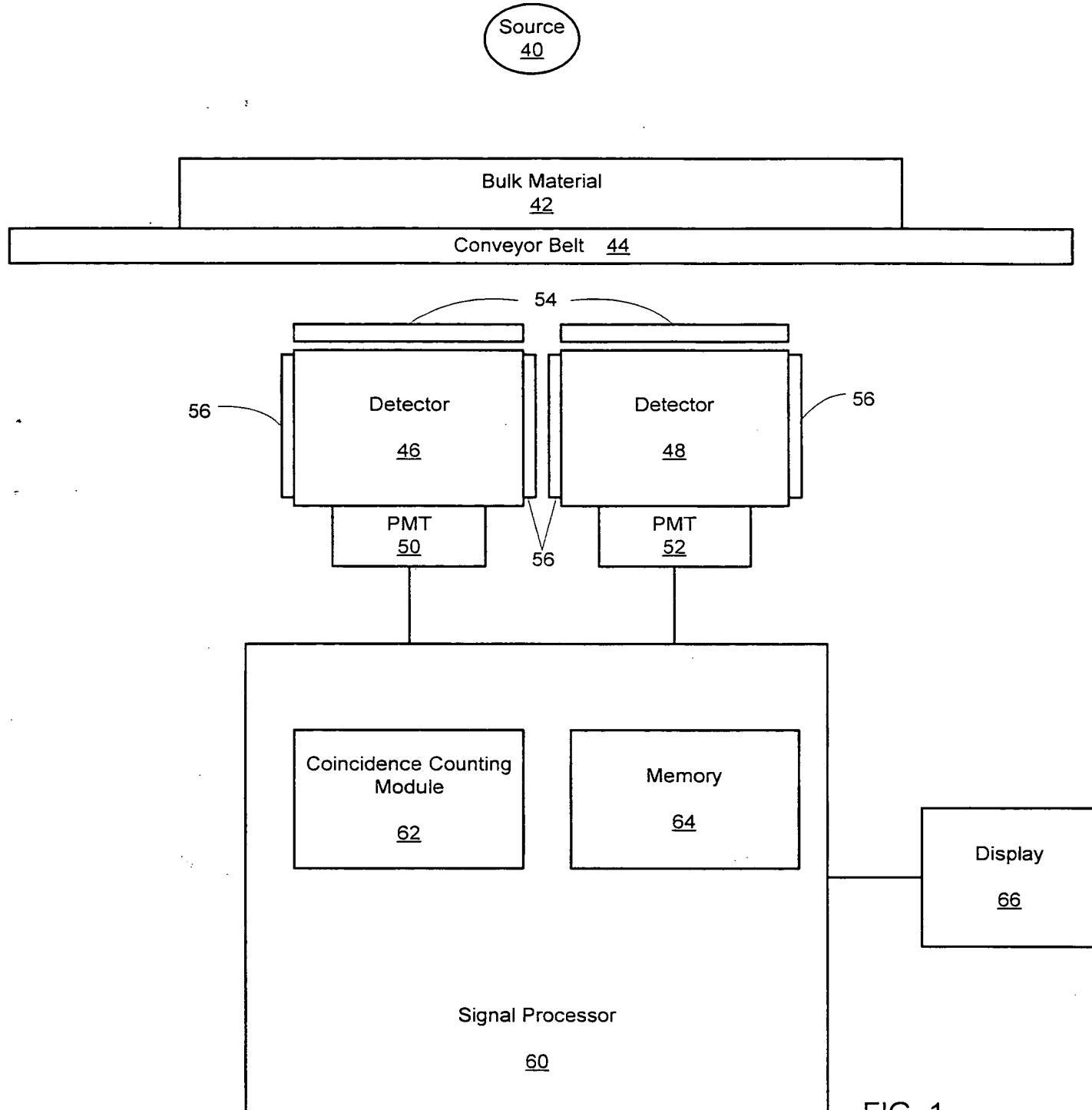


FIG. 1

FIG. 2

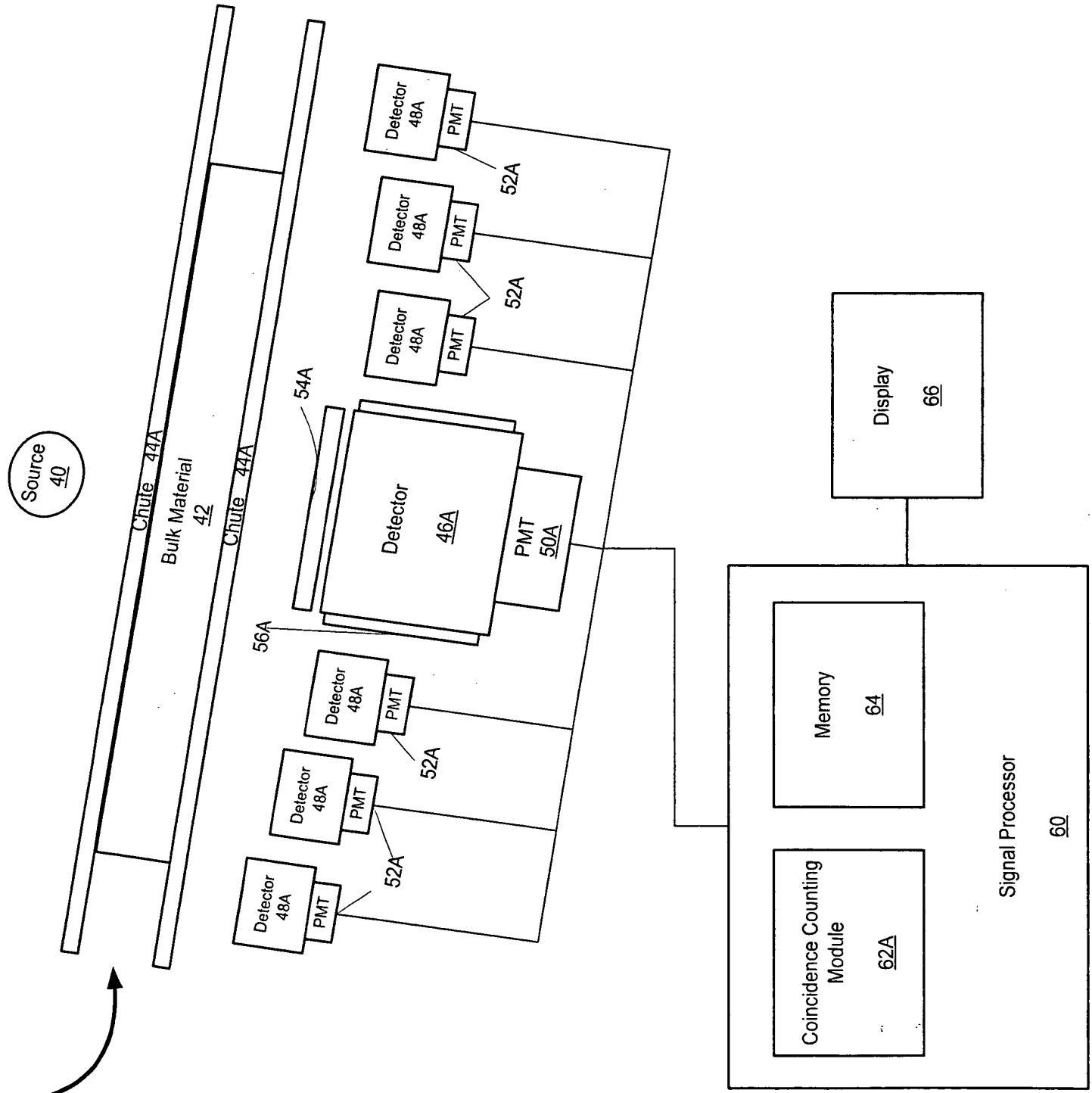
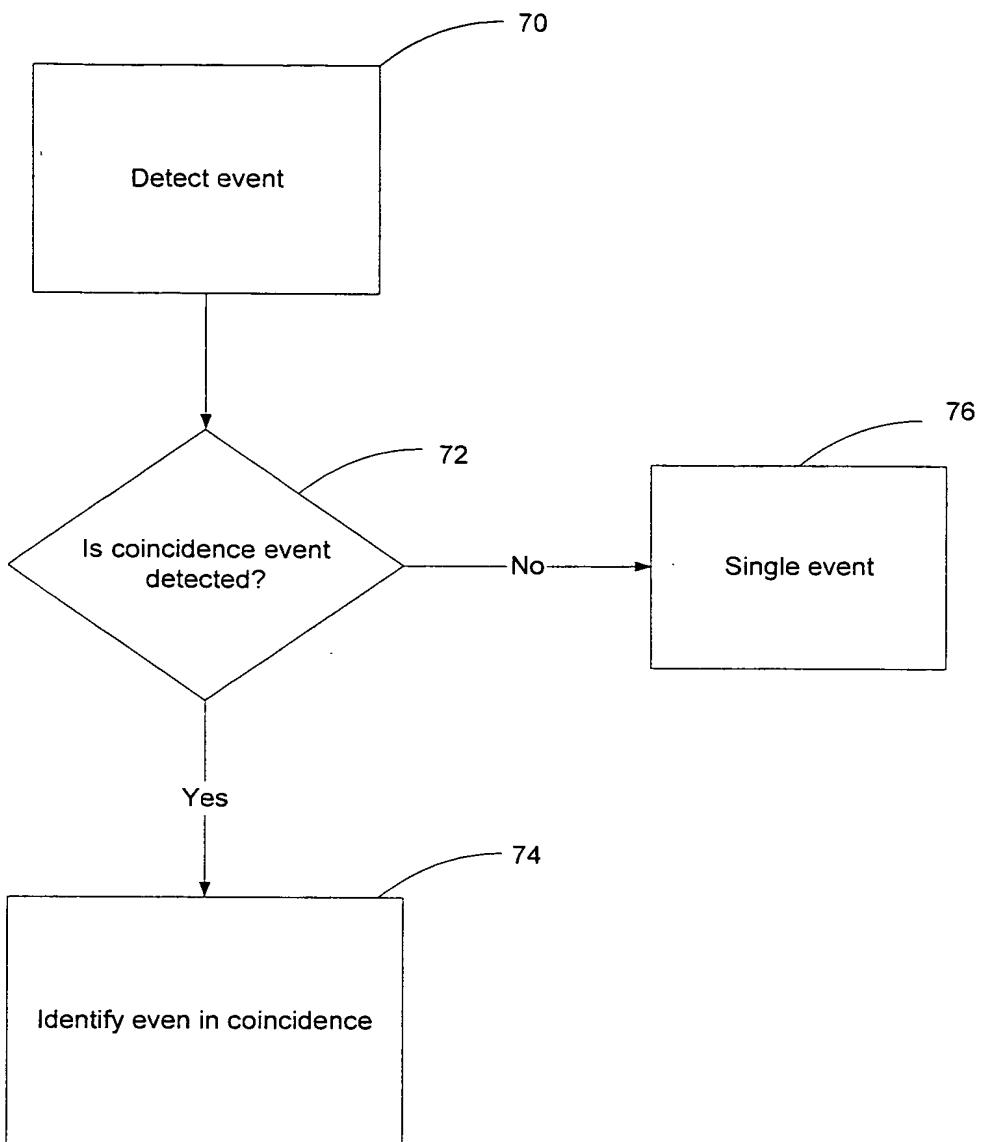


FIG. 3



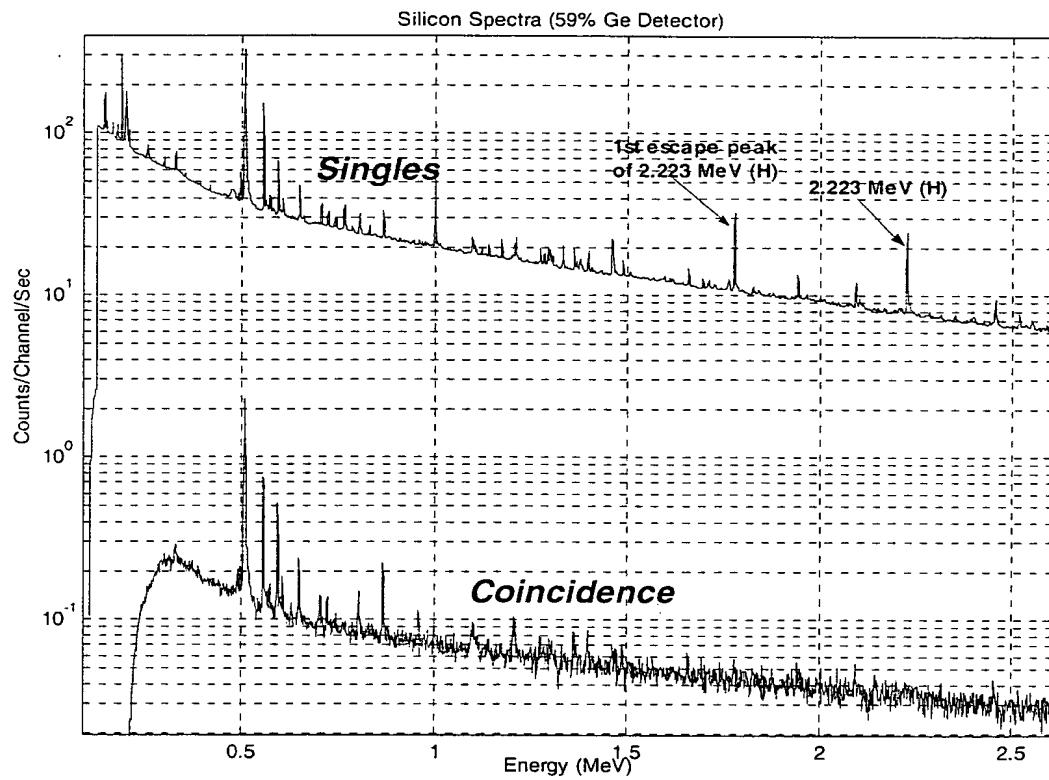


Fig. 4

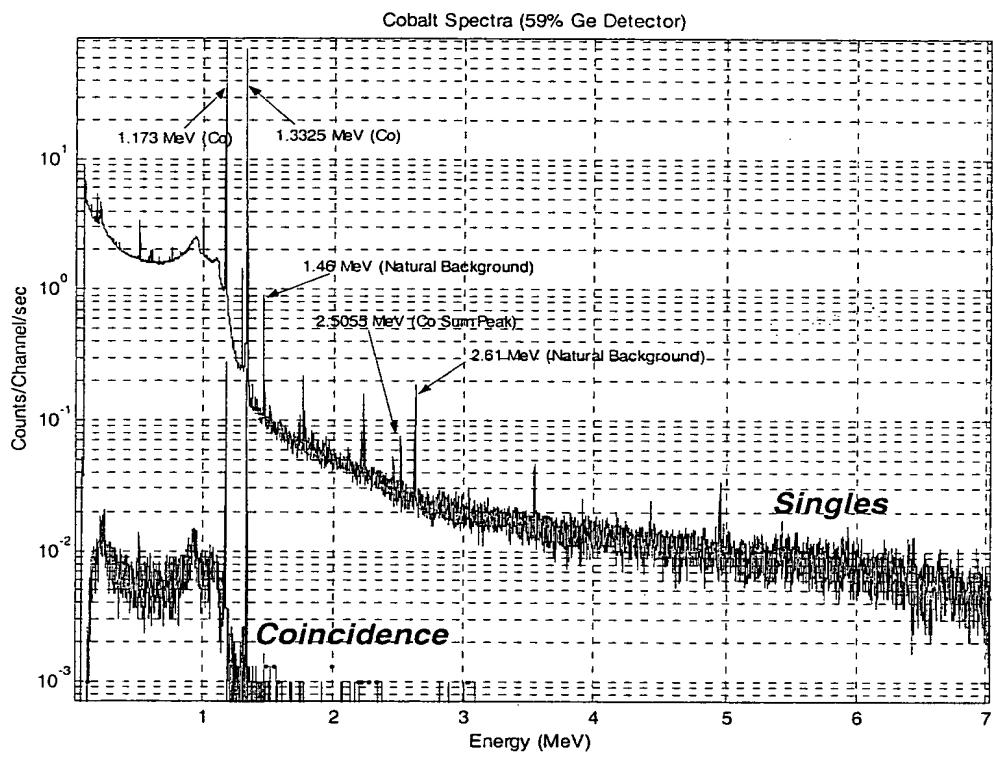


Fig. 5

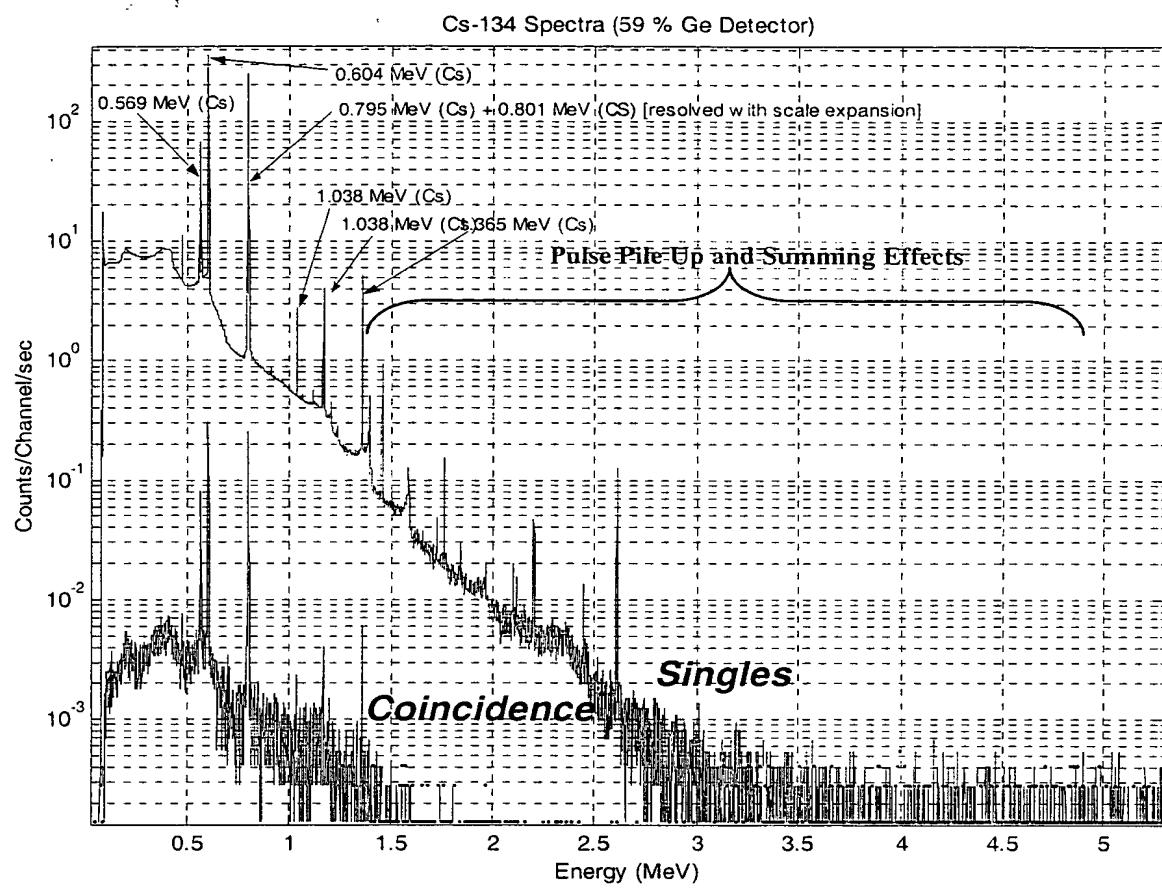


Fig. 6

Co-60 Coincidence Spectrum, April 27th-01

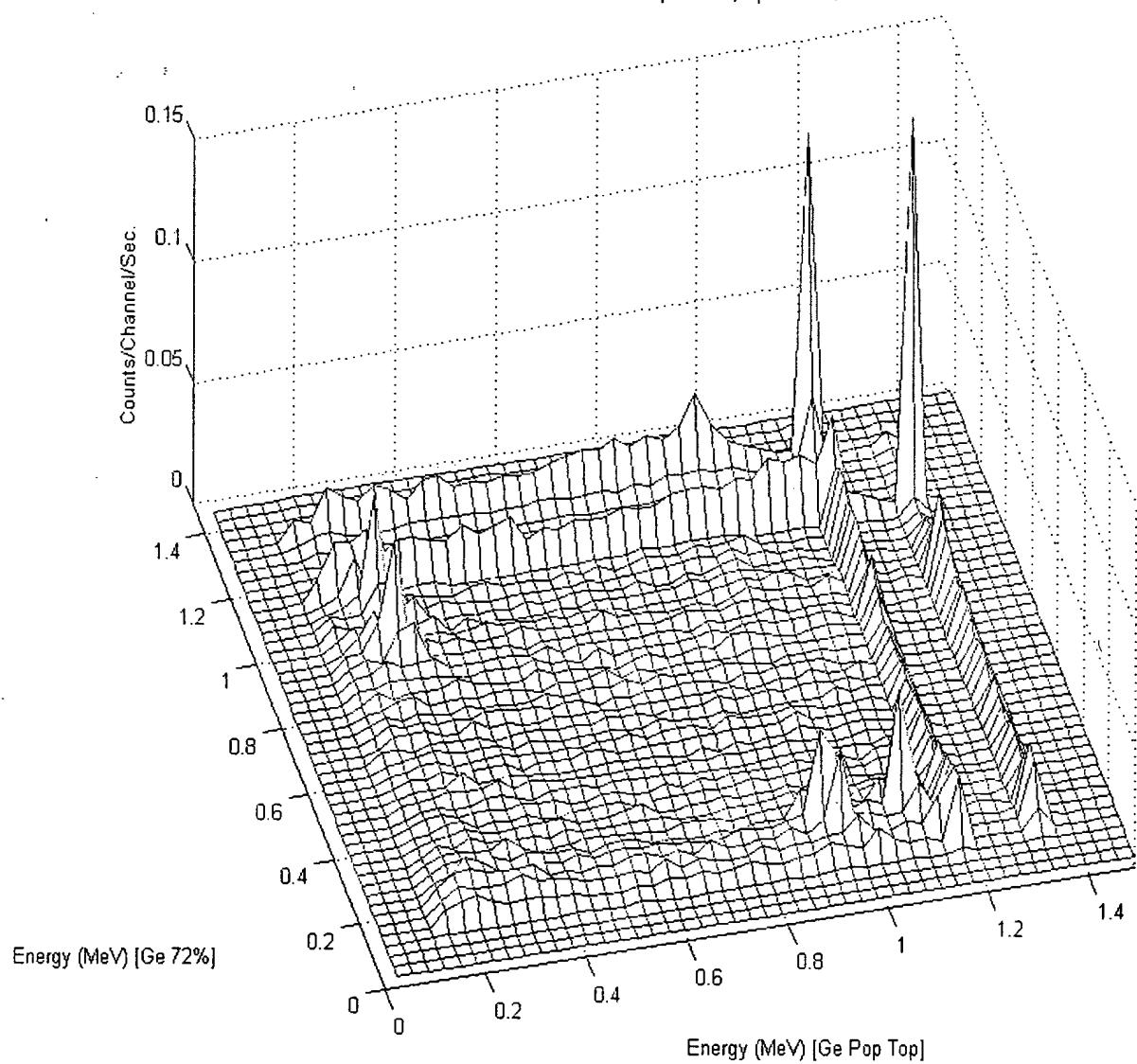


Fig. 7

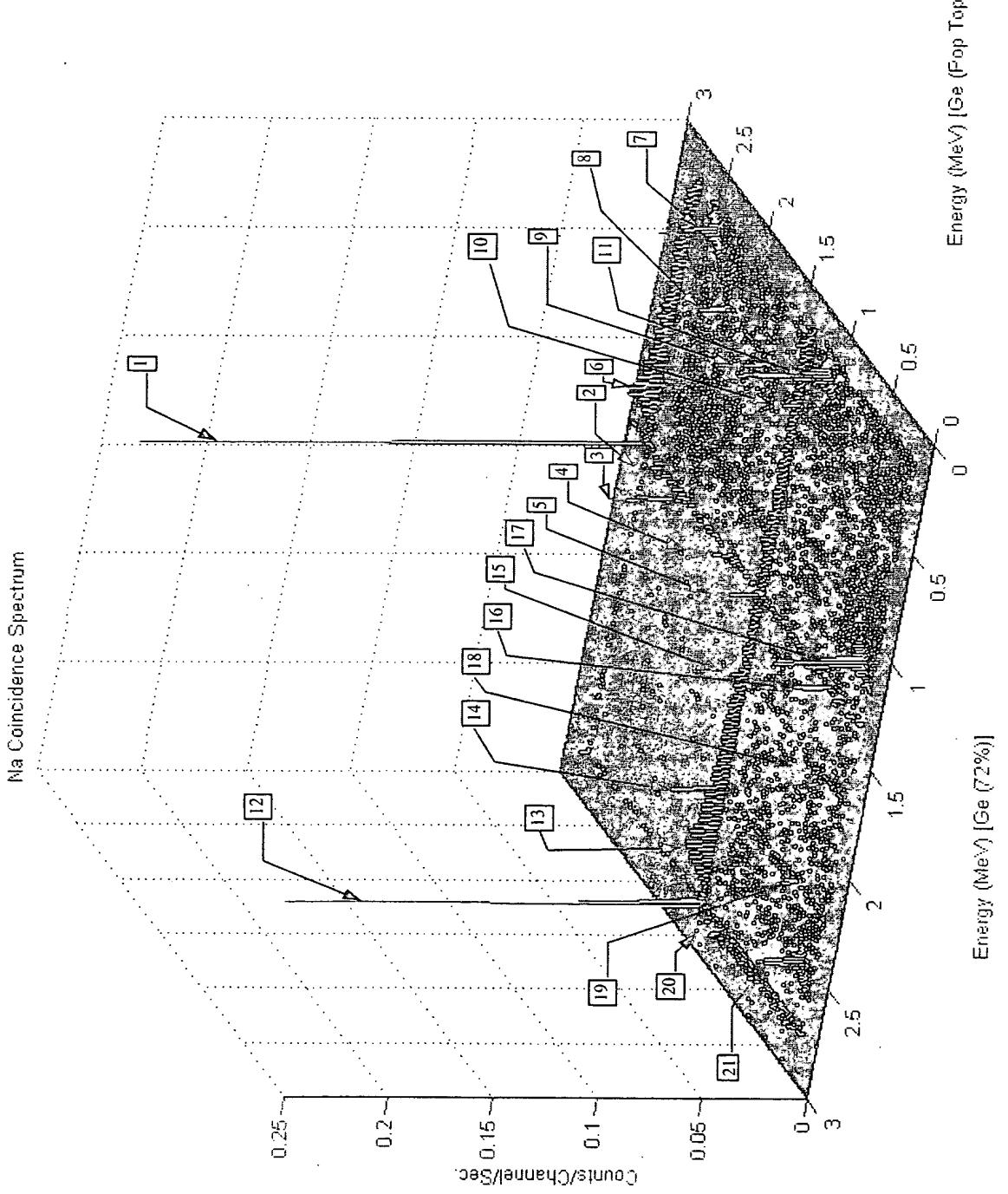


Fig. 8

Two Dimensional (Flat) Plot of the NaI Detector Counts

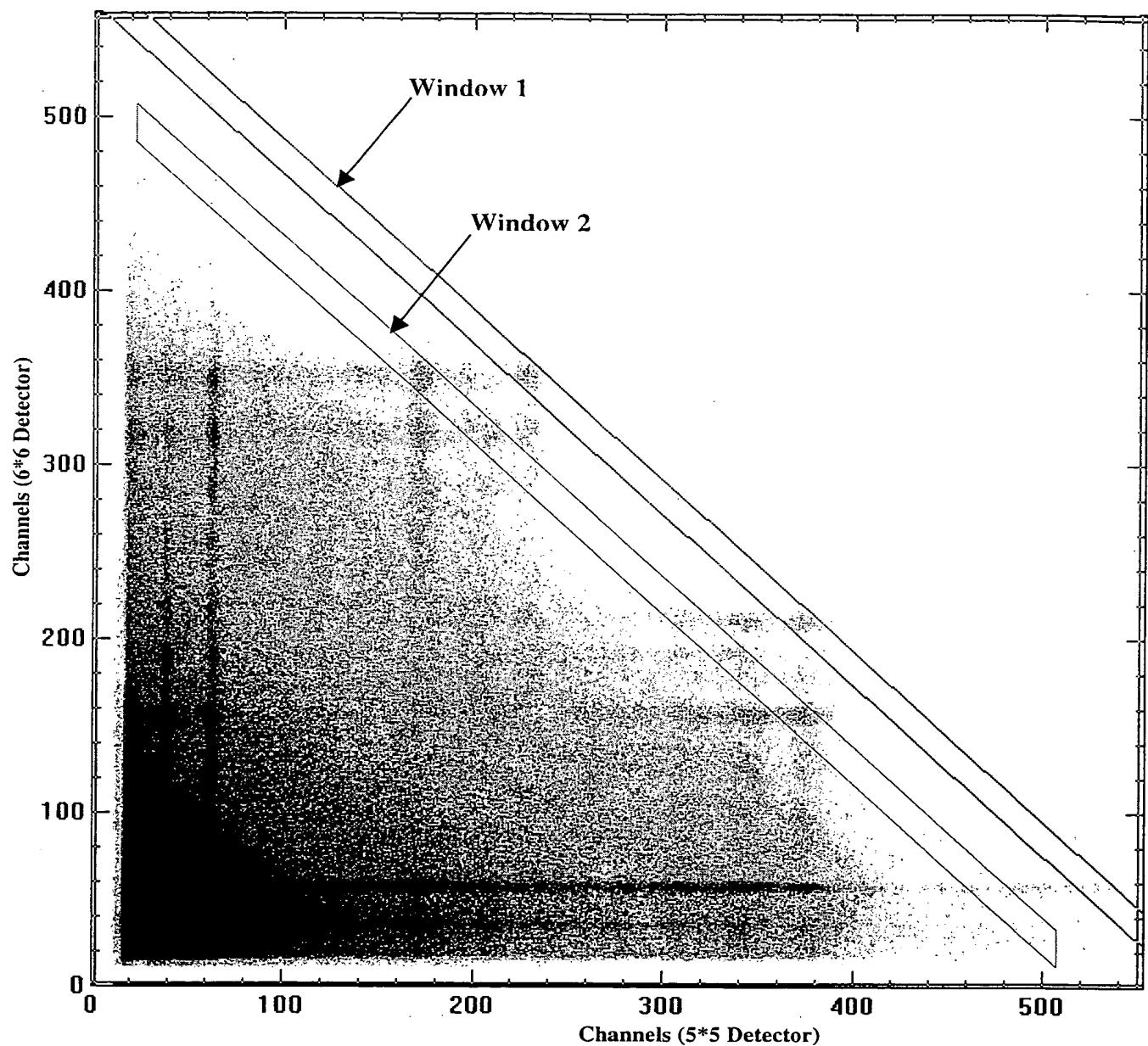


Fig. 9

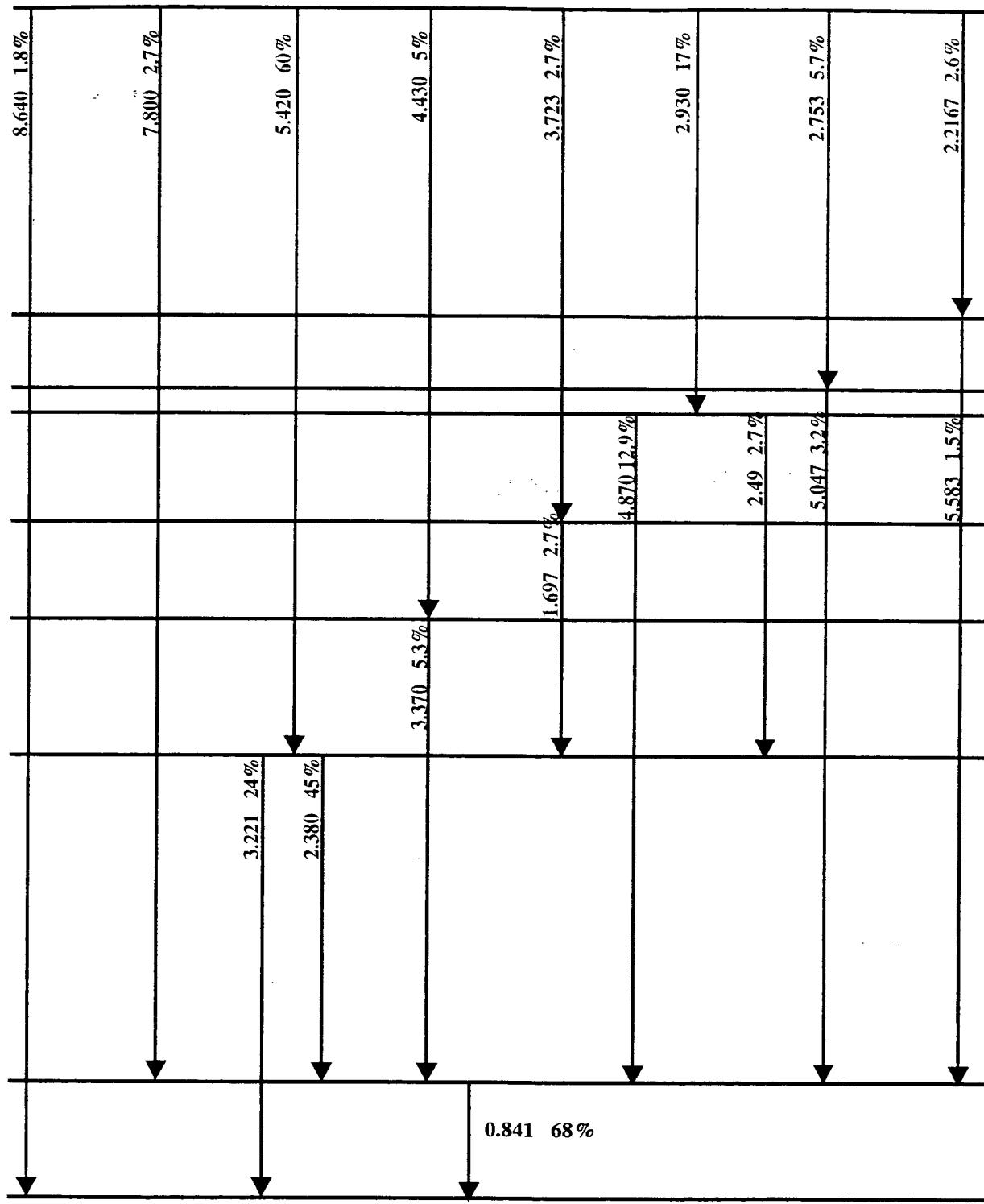


Fig. 10

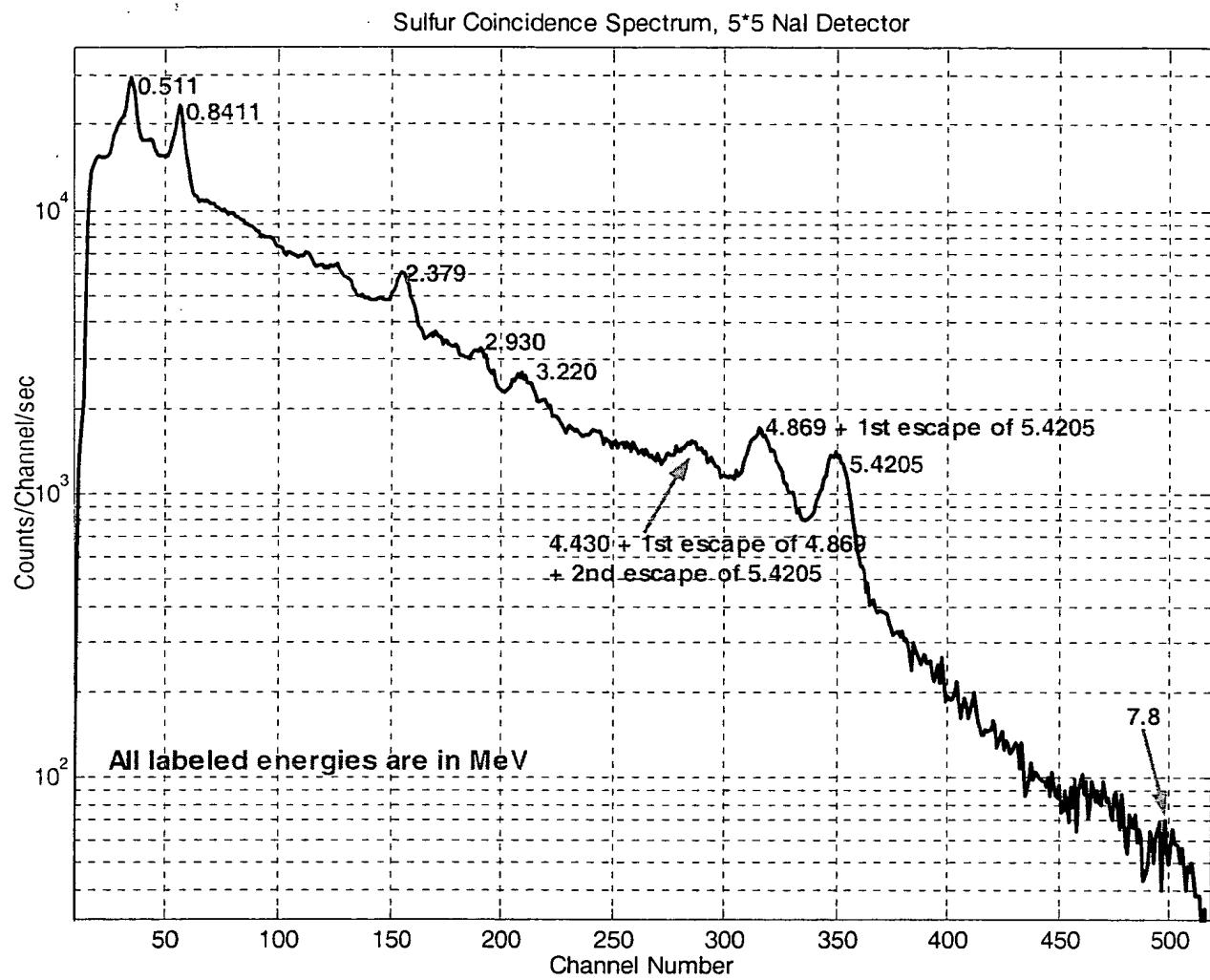


Fig. 11

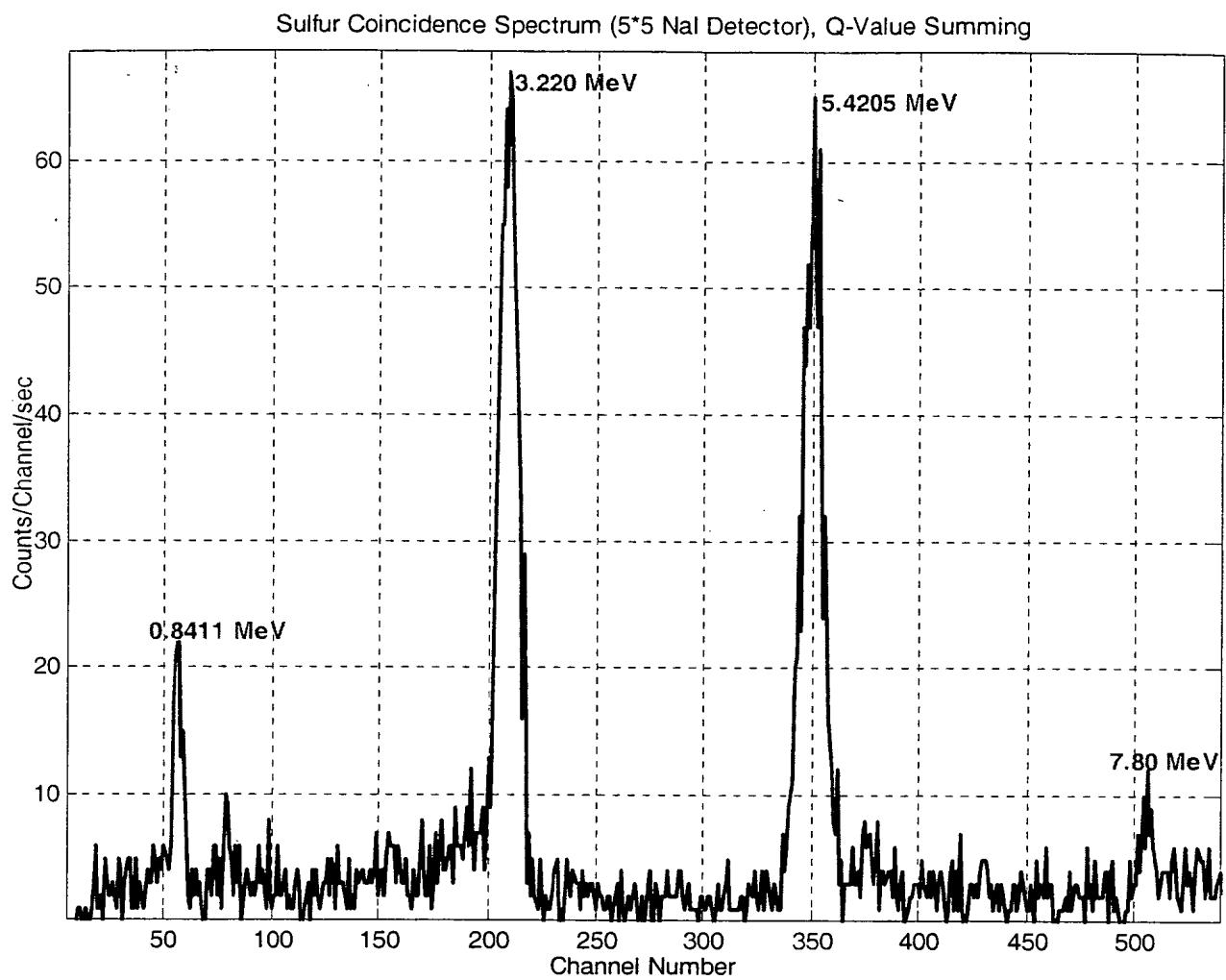


Fig. 12

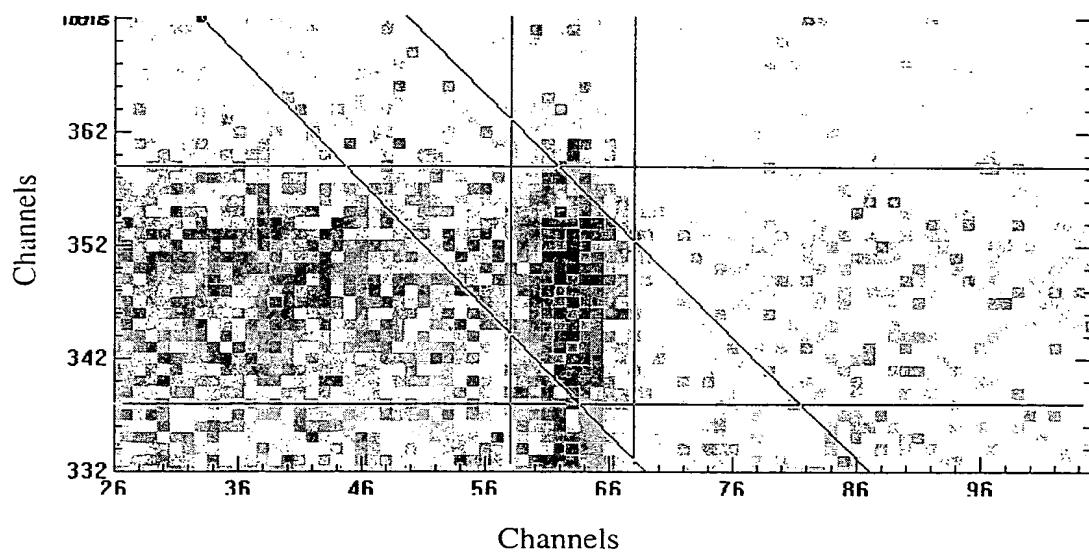


Fig. 13

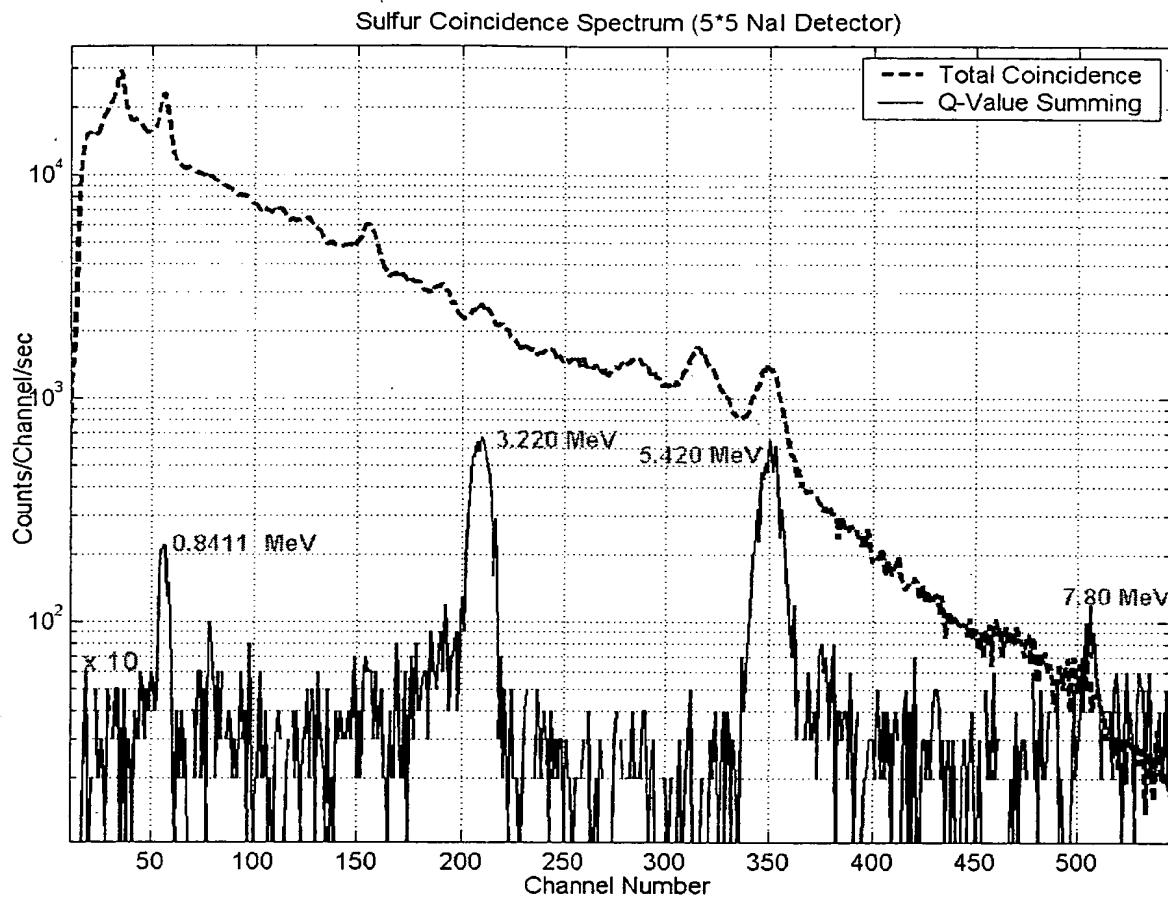


Fig. 14

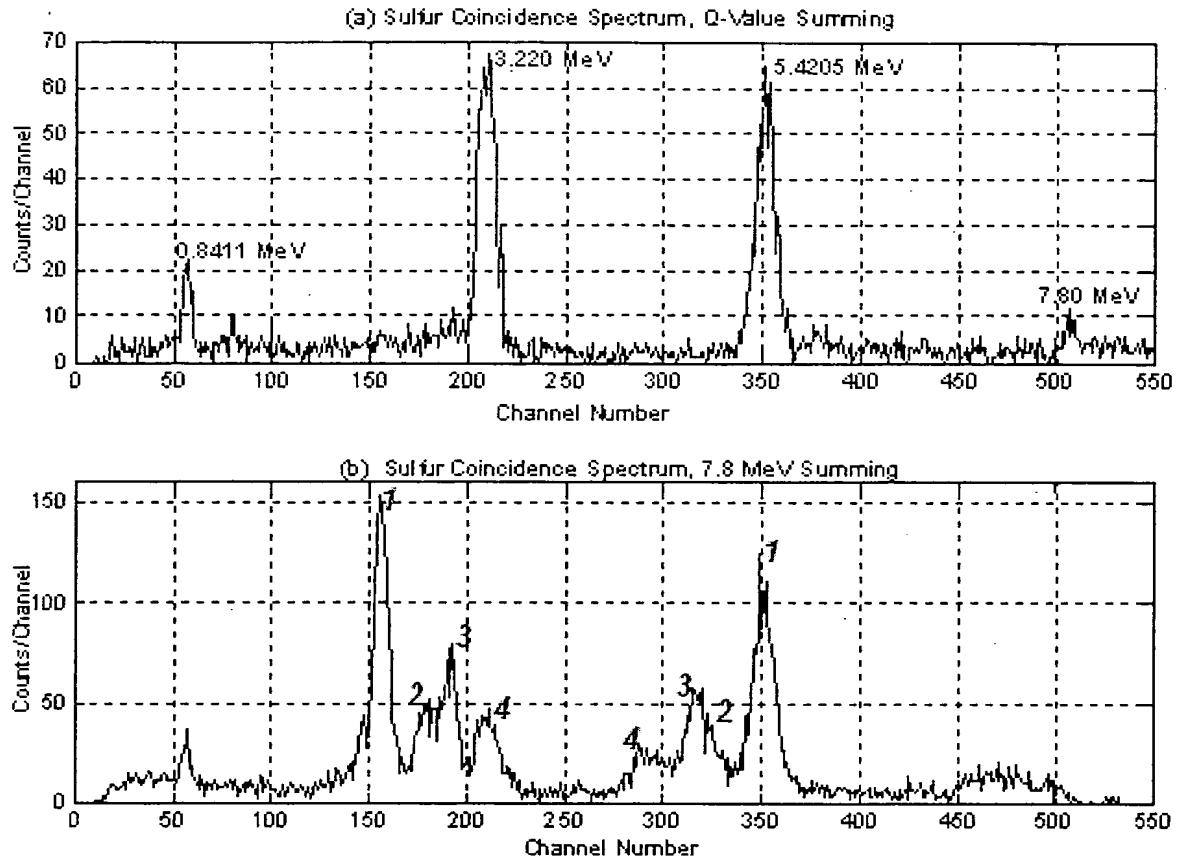


Fig. 15

Two Dimensional (Flat) Plot of the NaI Detector Counts, Mercury Sample

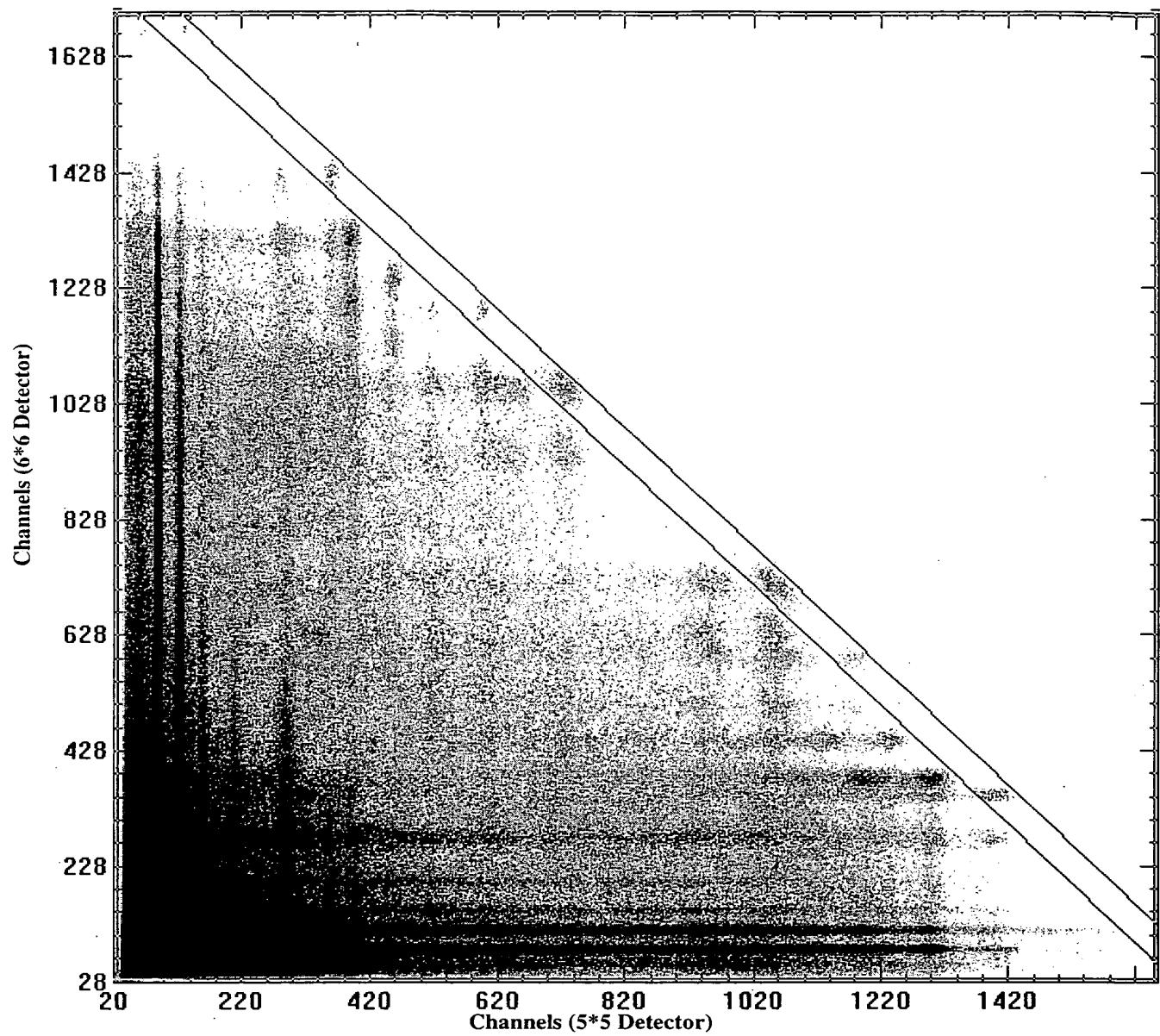


Fig. 16

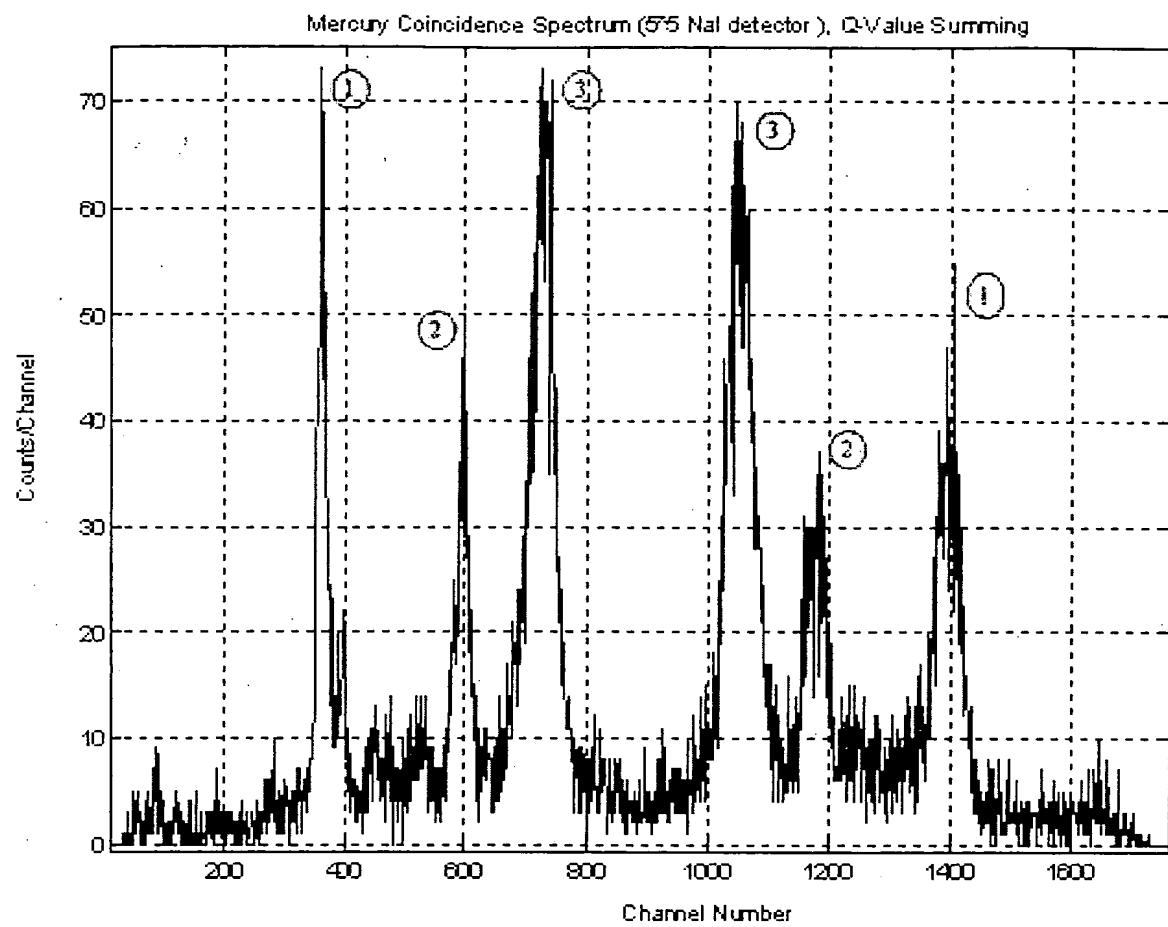


Fig. 17

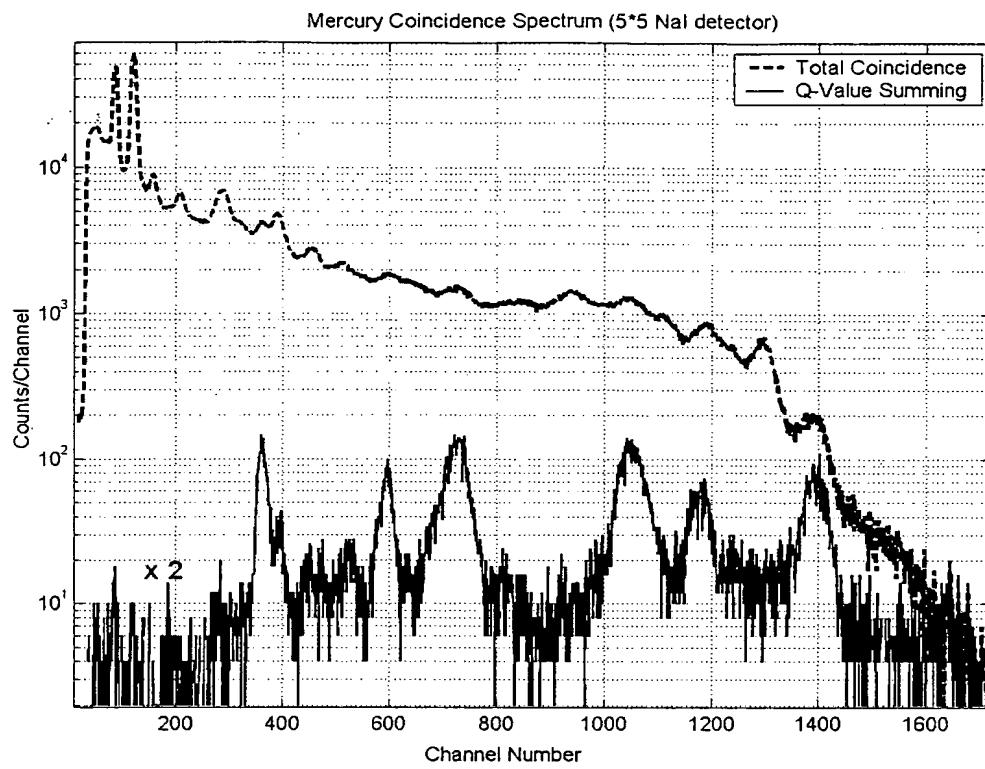


Fig. 18

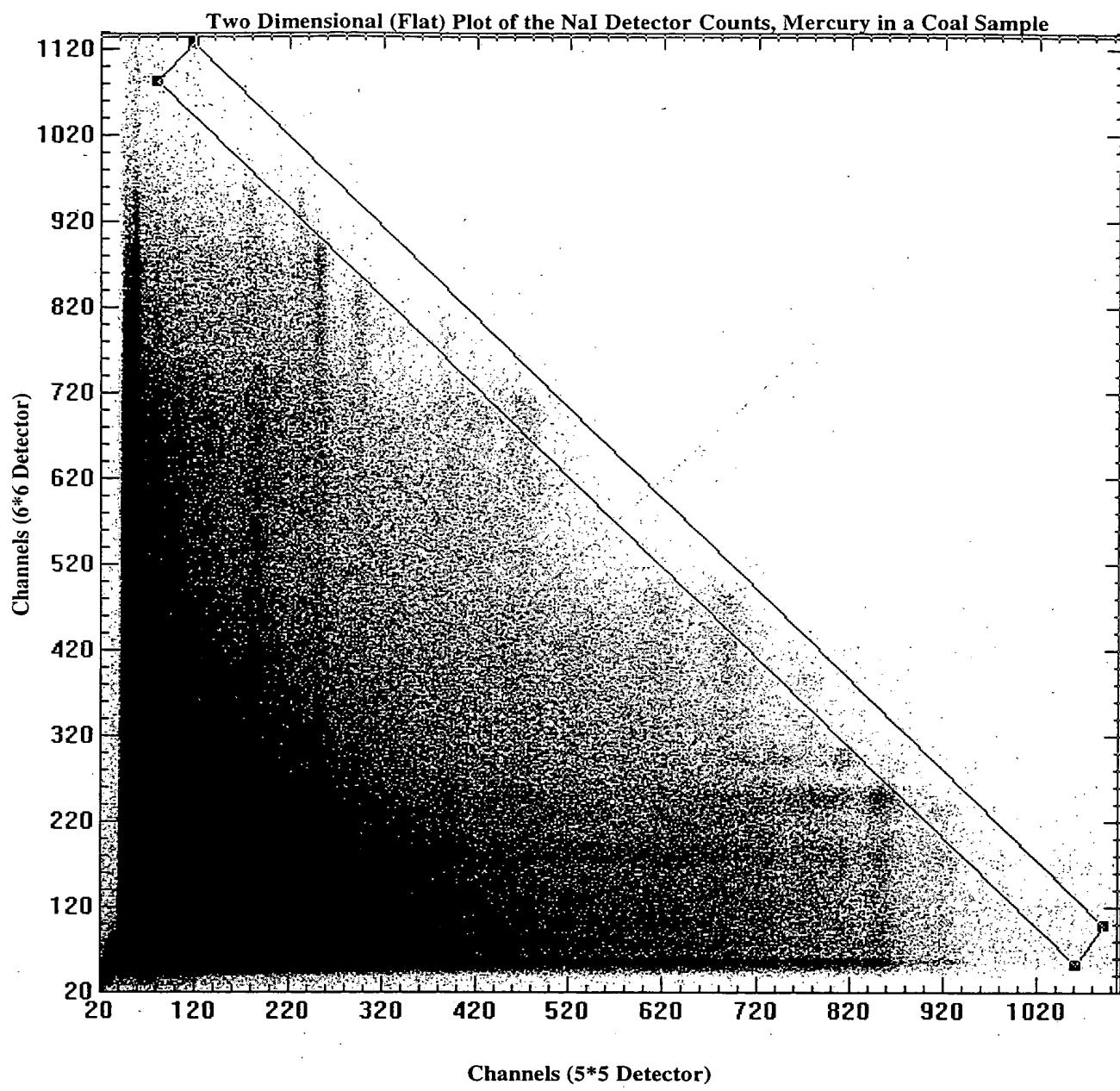


Fig. 19

Q-Value Diagonal Smming for Mercury in a Coal Sample

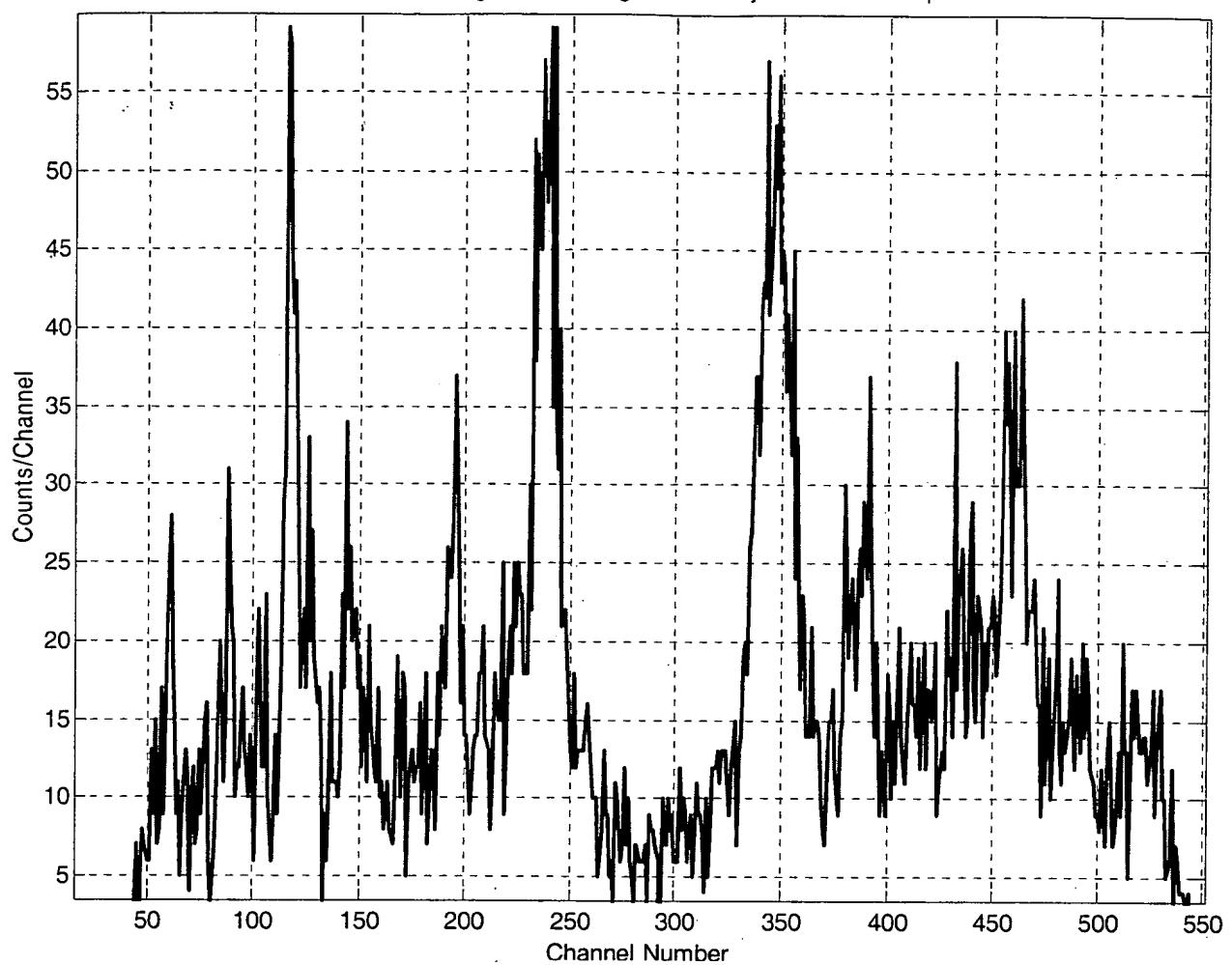


Fig. 20

Two Dimensional (Flat) Plot of the NaI Detector Counts

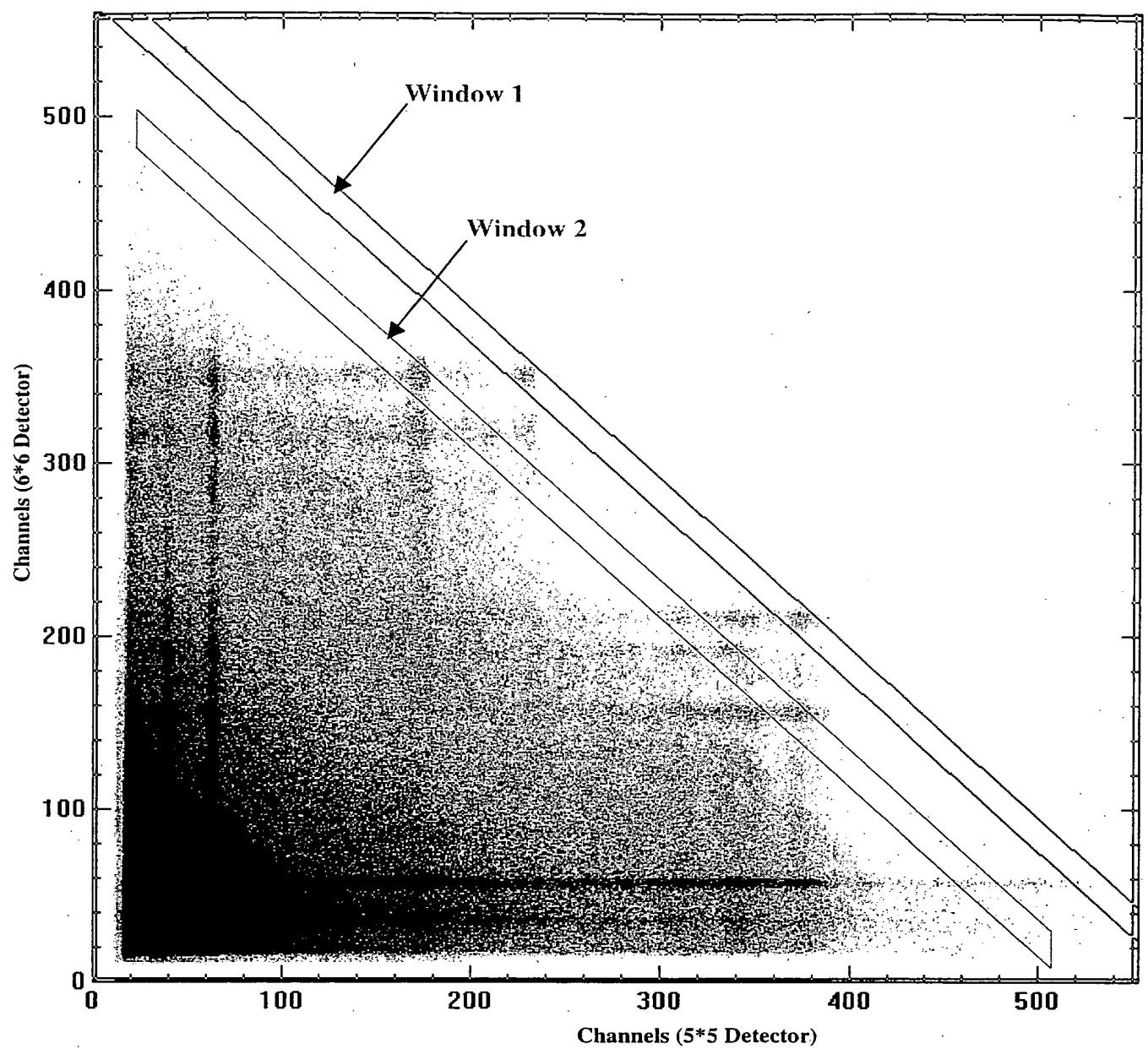


Fig. 21

Sulfur Coincidence Spectrum, 5*5 NaI Detector

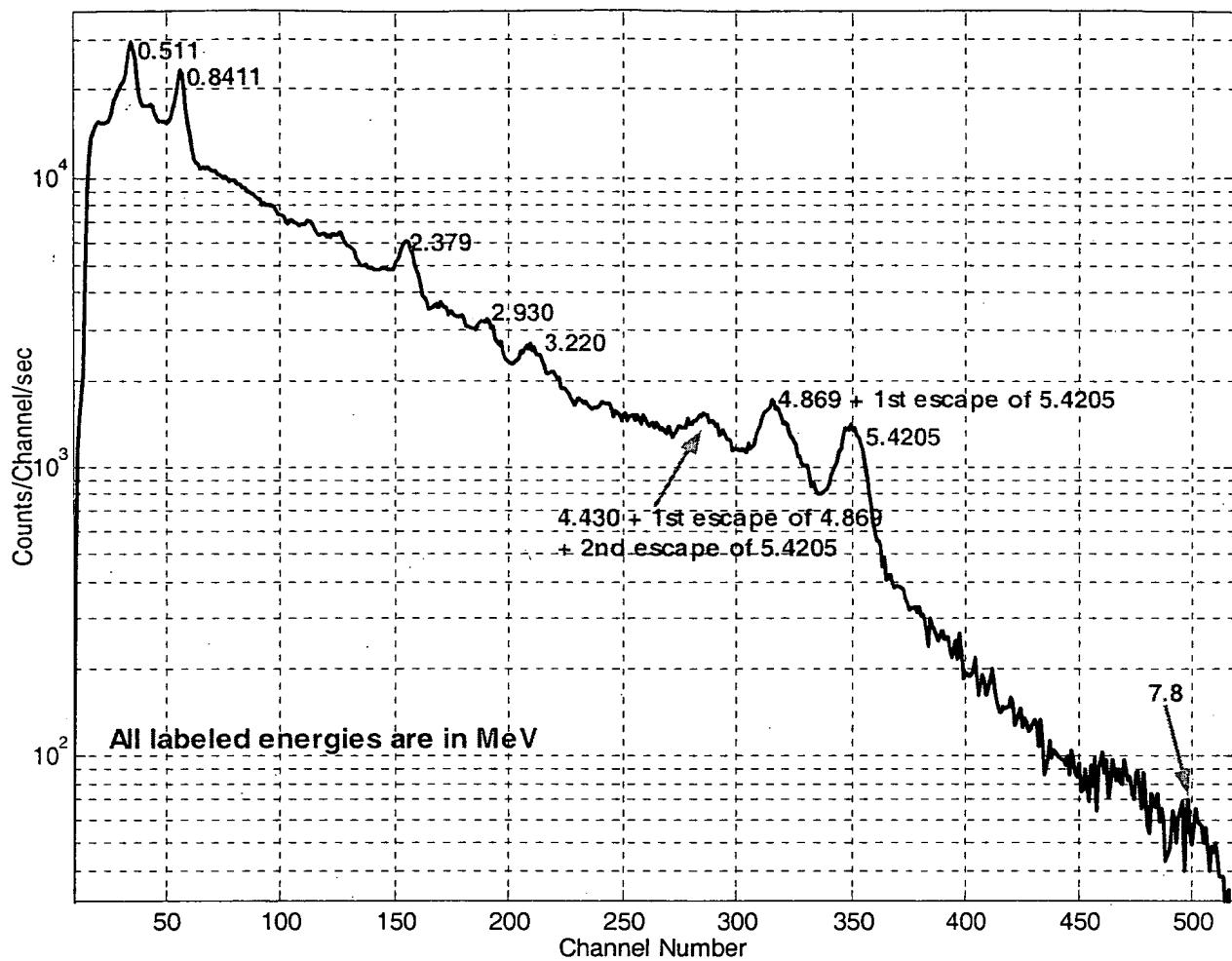


Fig. 22

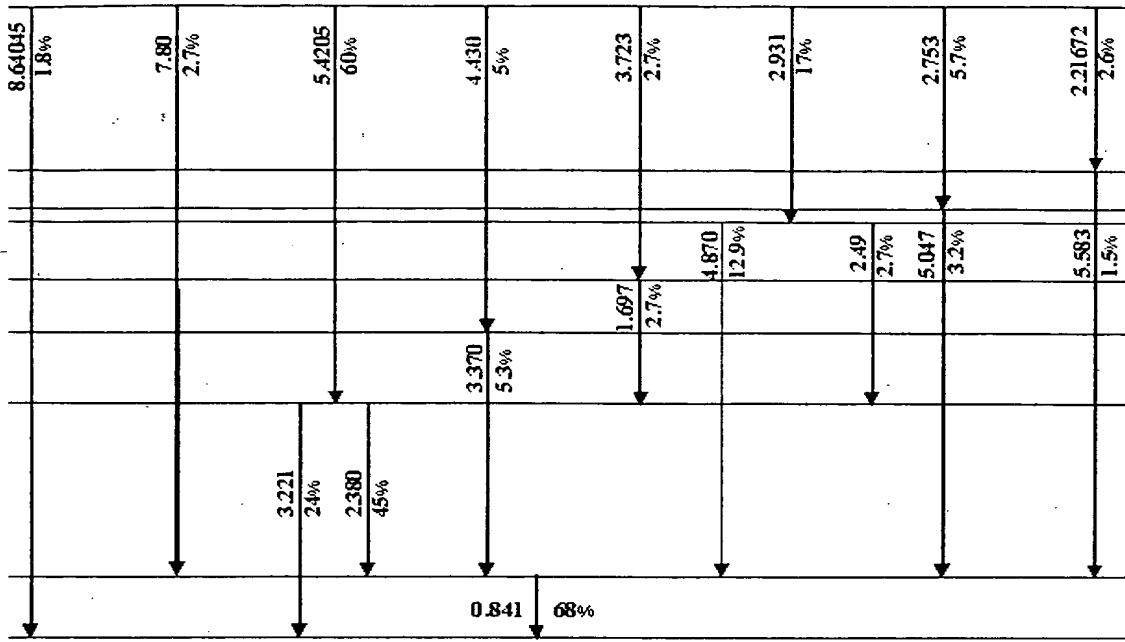


Fig. 23

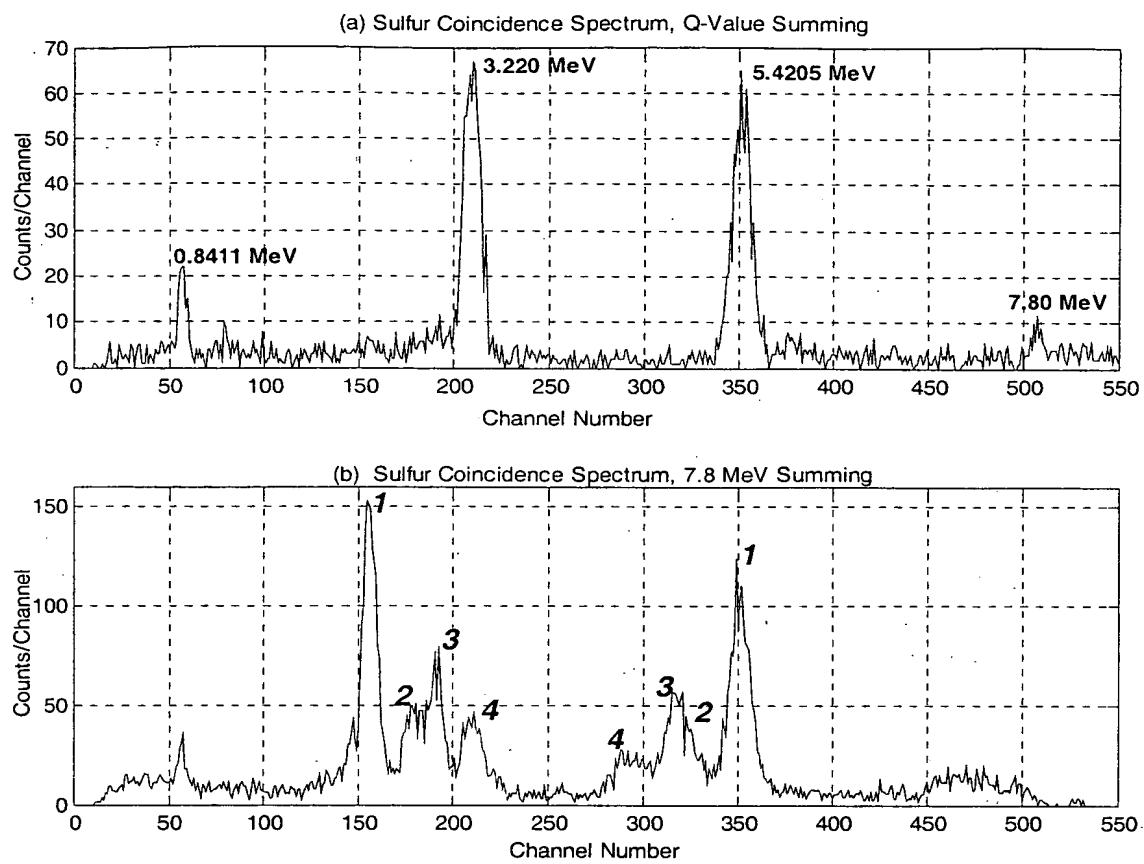


Fig. 24

Sulfur Coincidence Spectrum (5*5 NaI Detector)

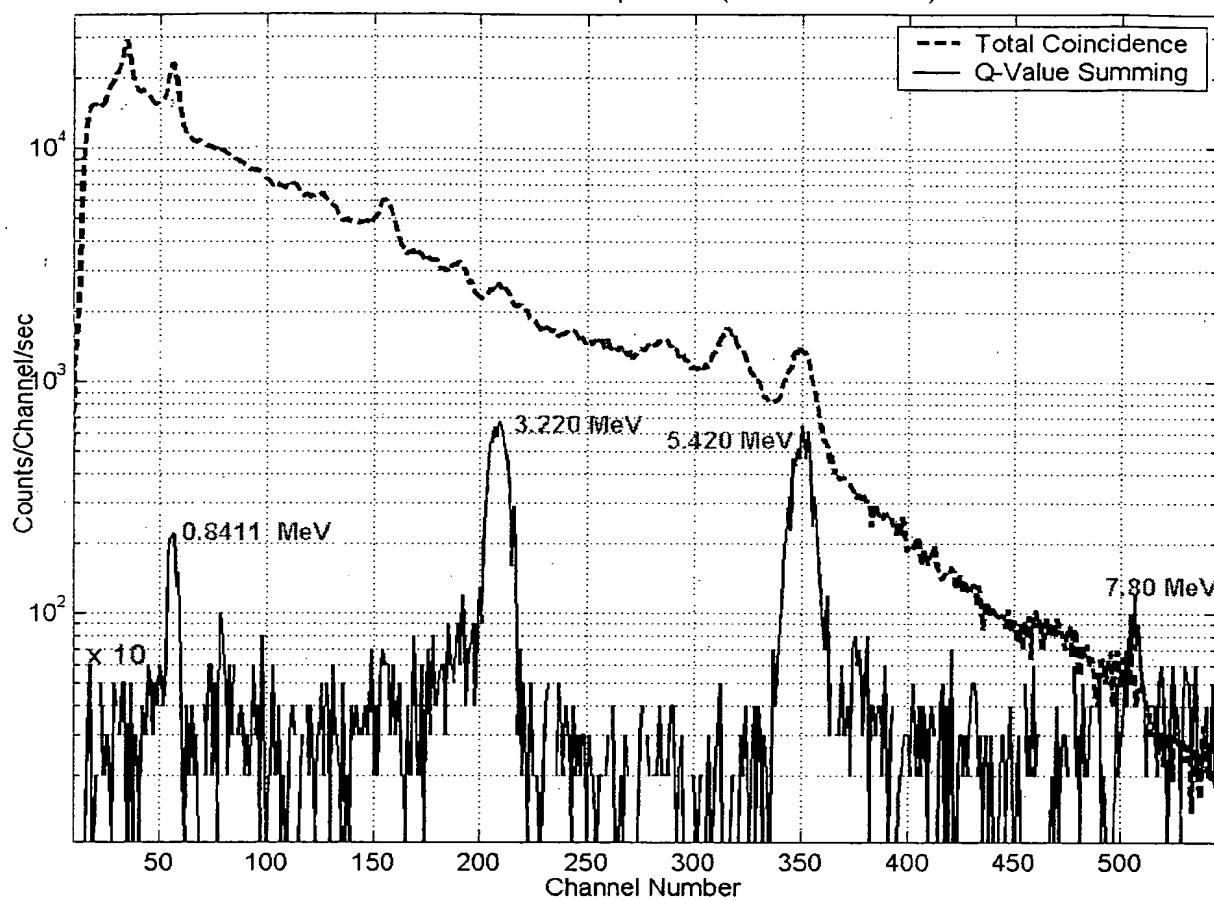


Fig. 25

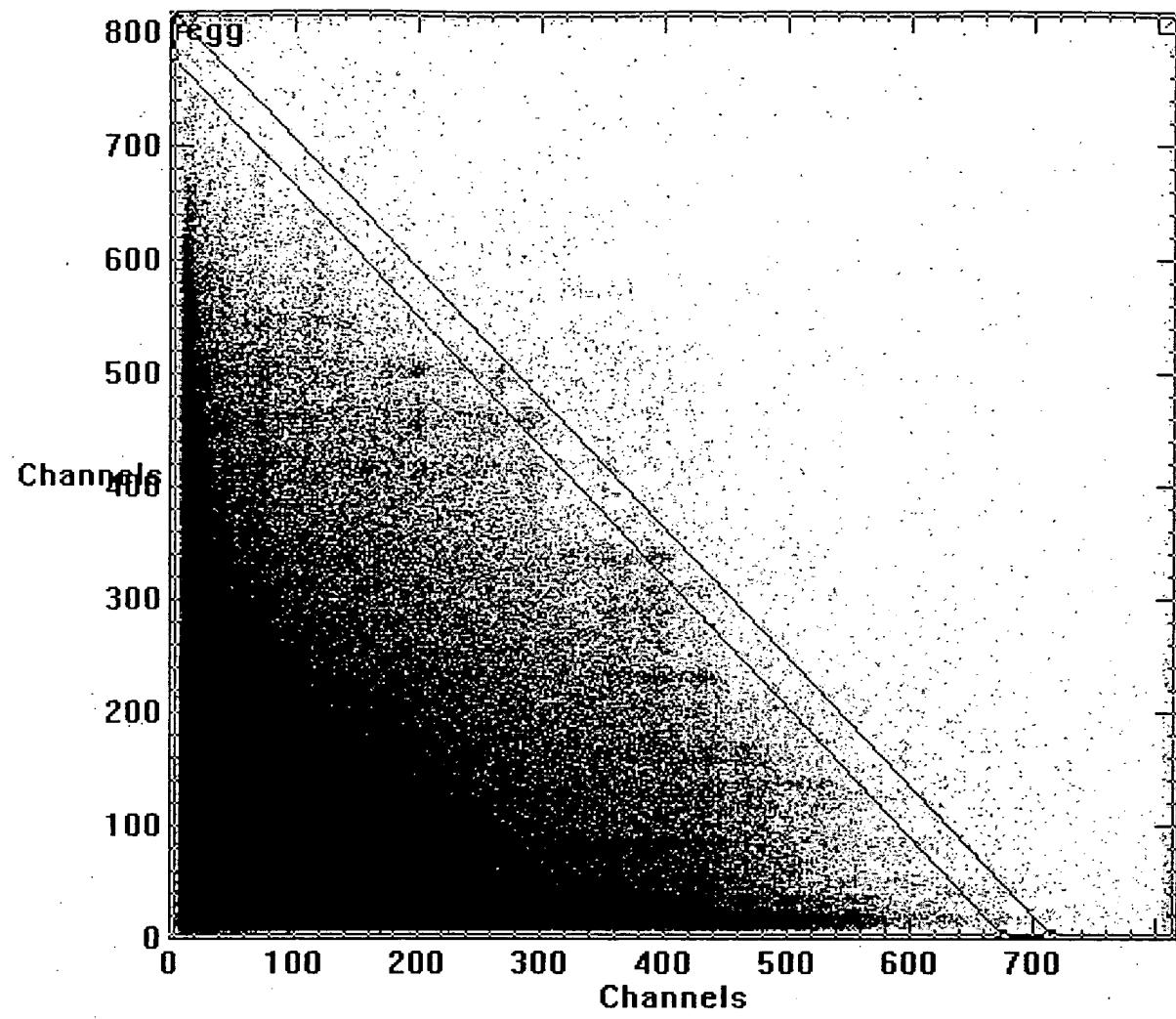


Fig. 26

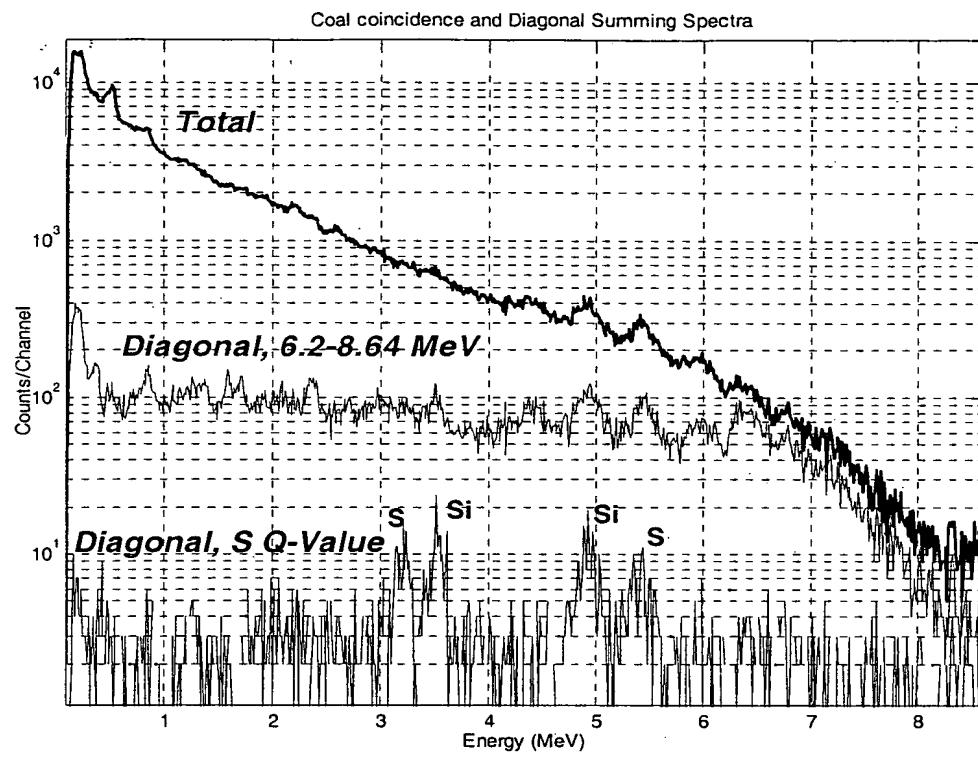


Fig. 27

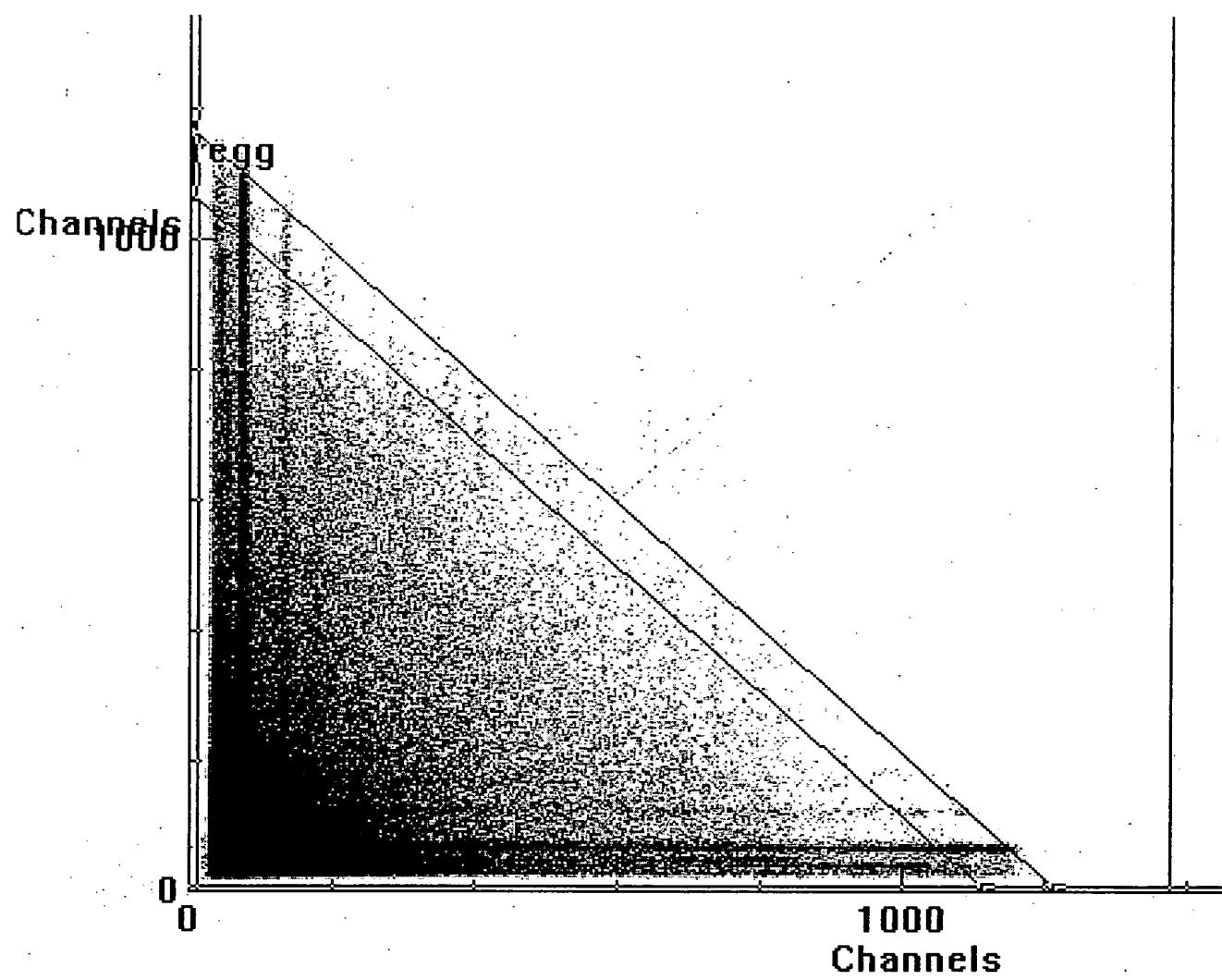


Fig. 28

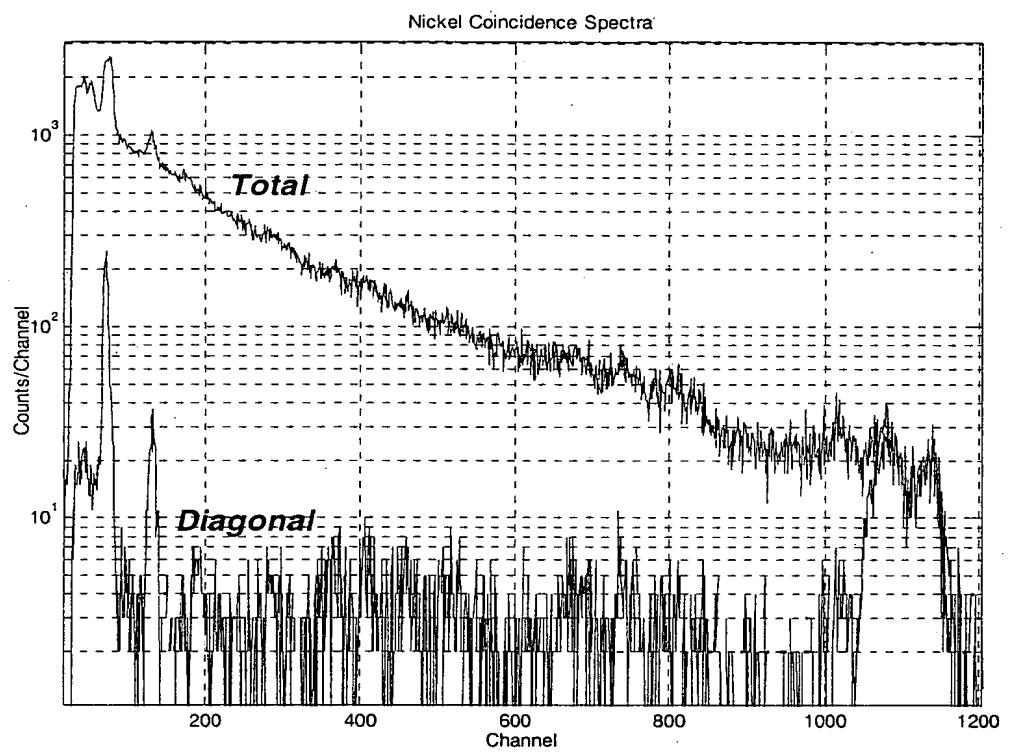


Fig. 29

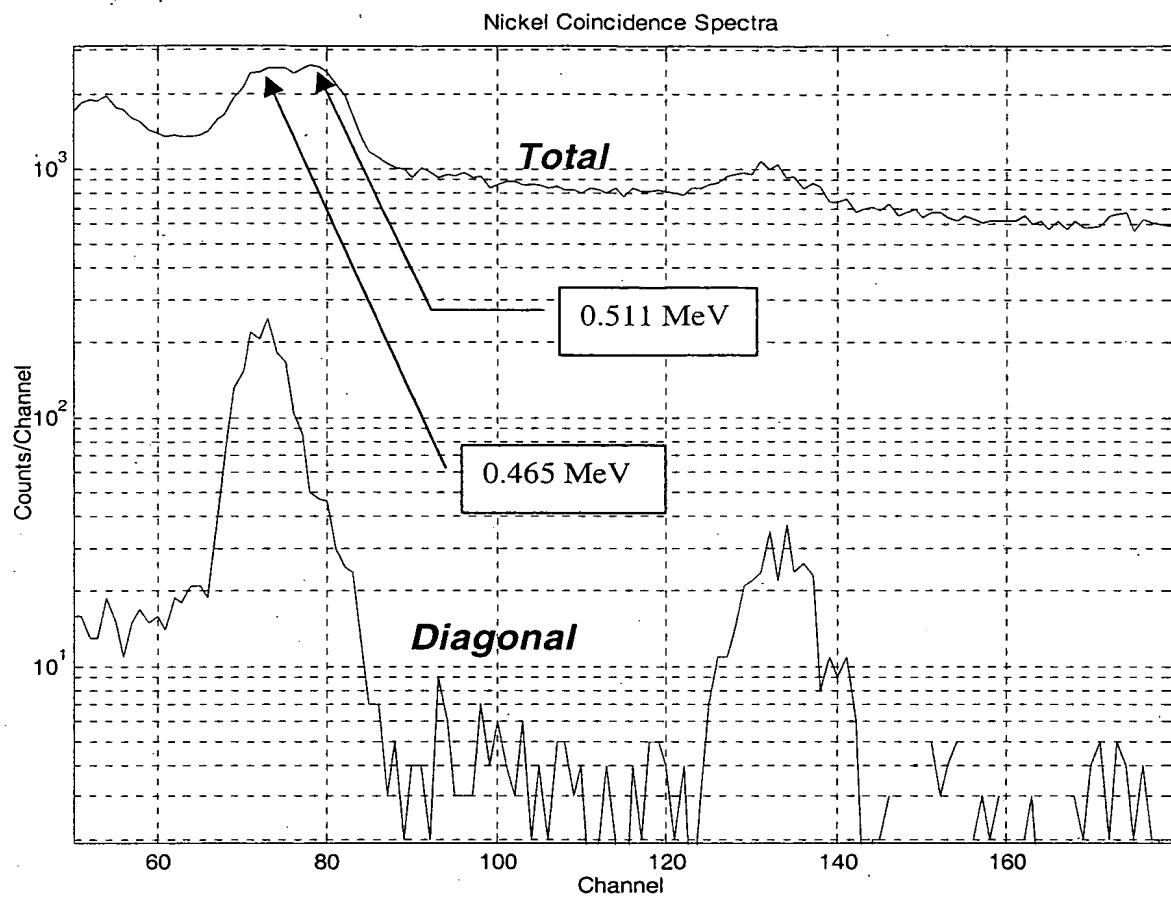


Fig. 30

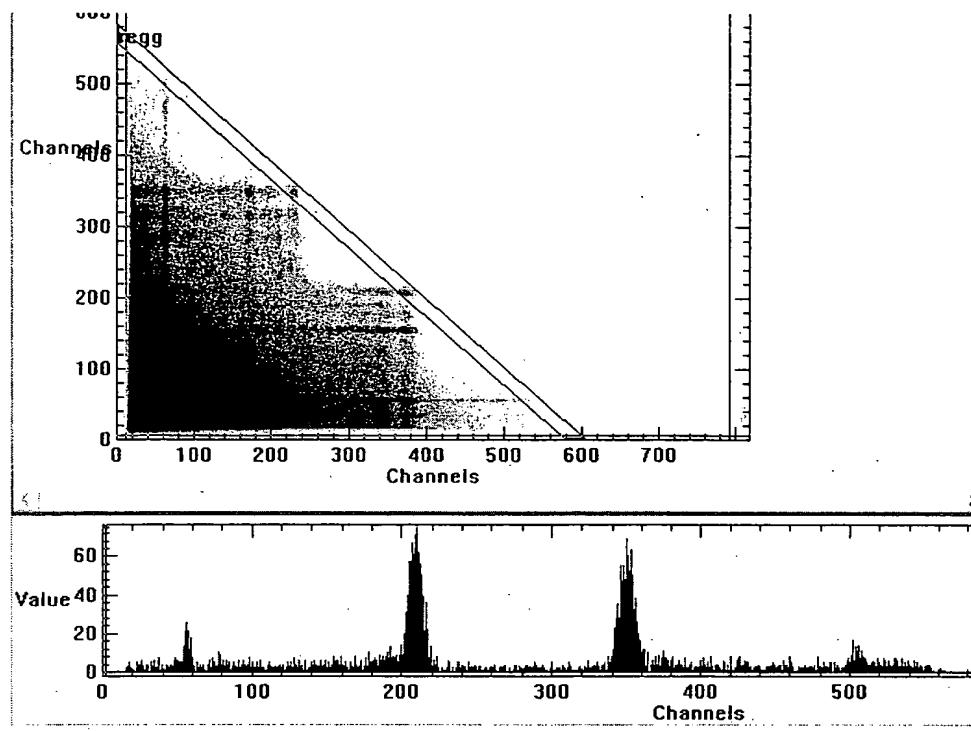


Fig. 31

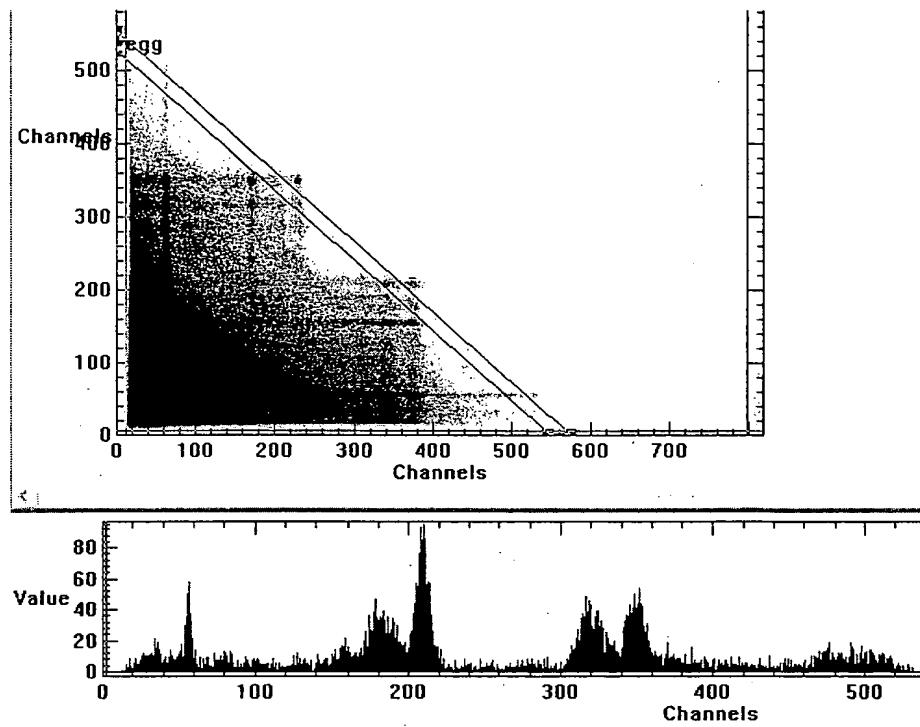


Fig. 32

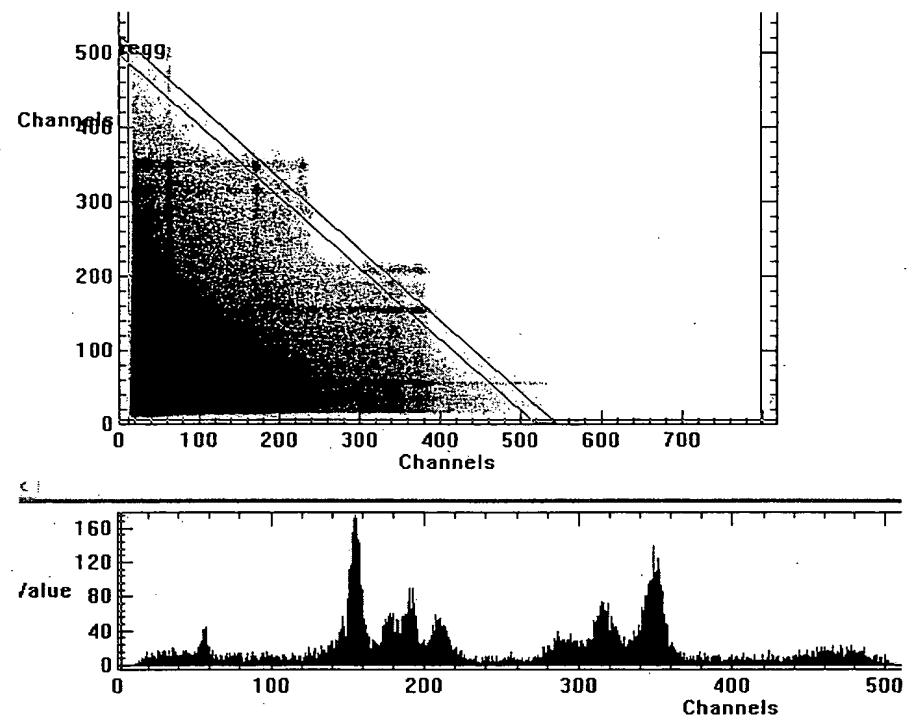


Fig. 33

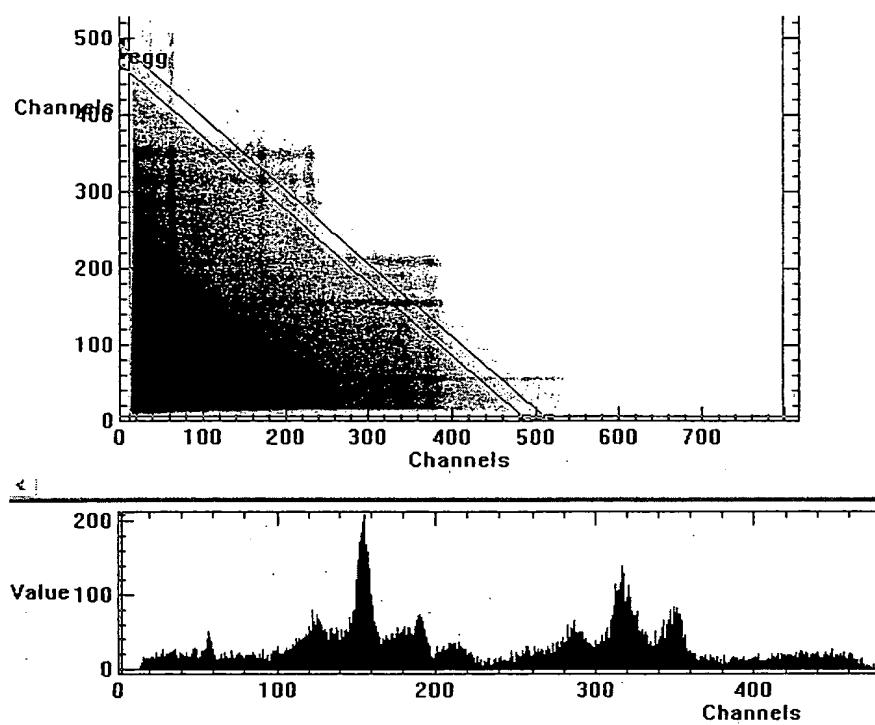


Fig. 34

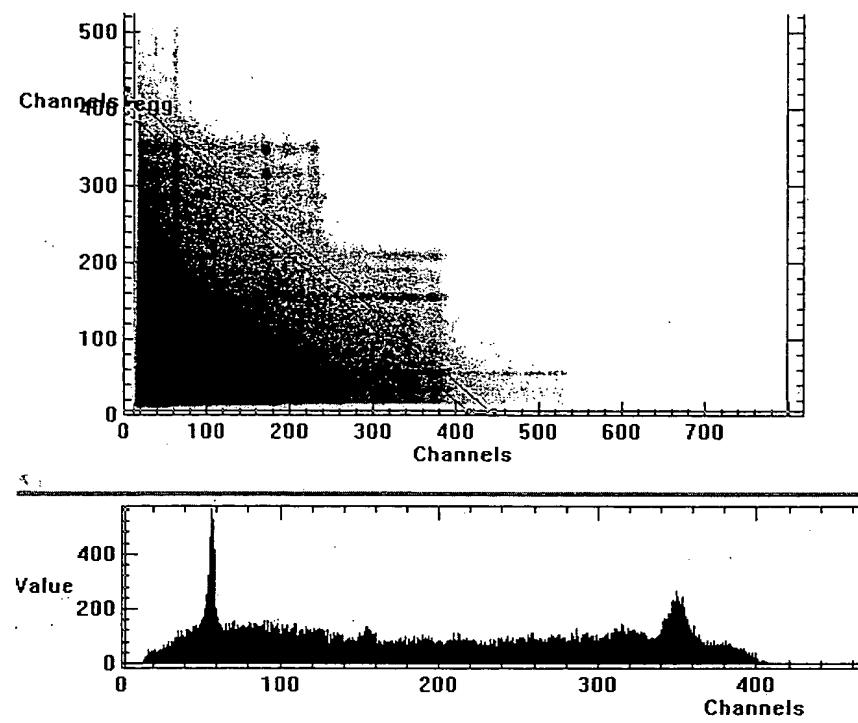


Fig. 35

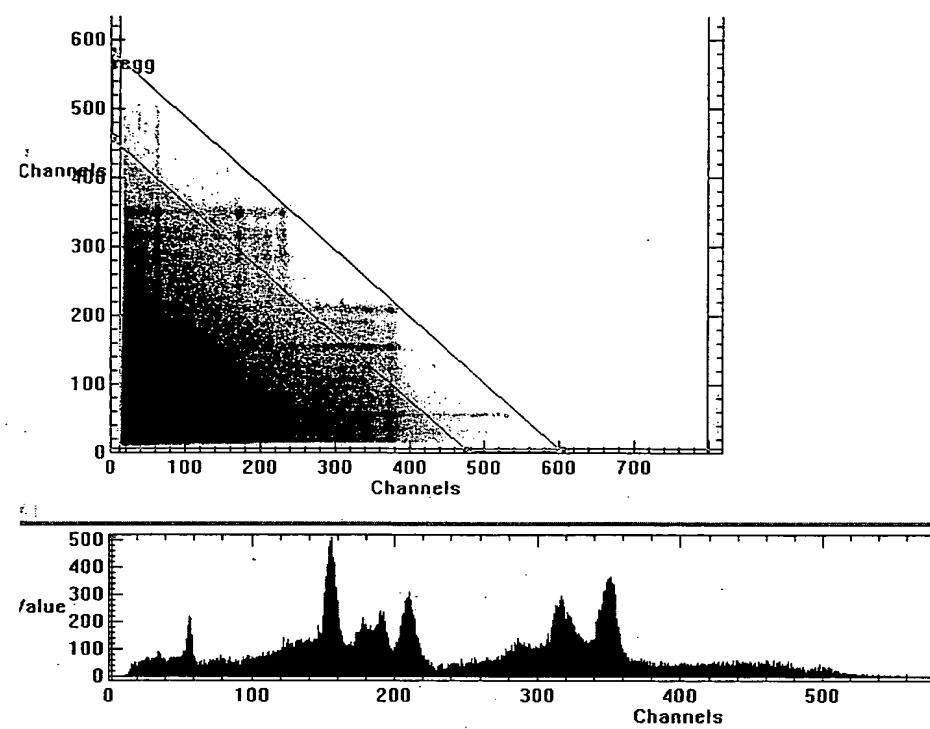


Fig. 36

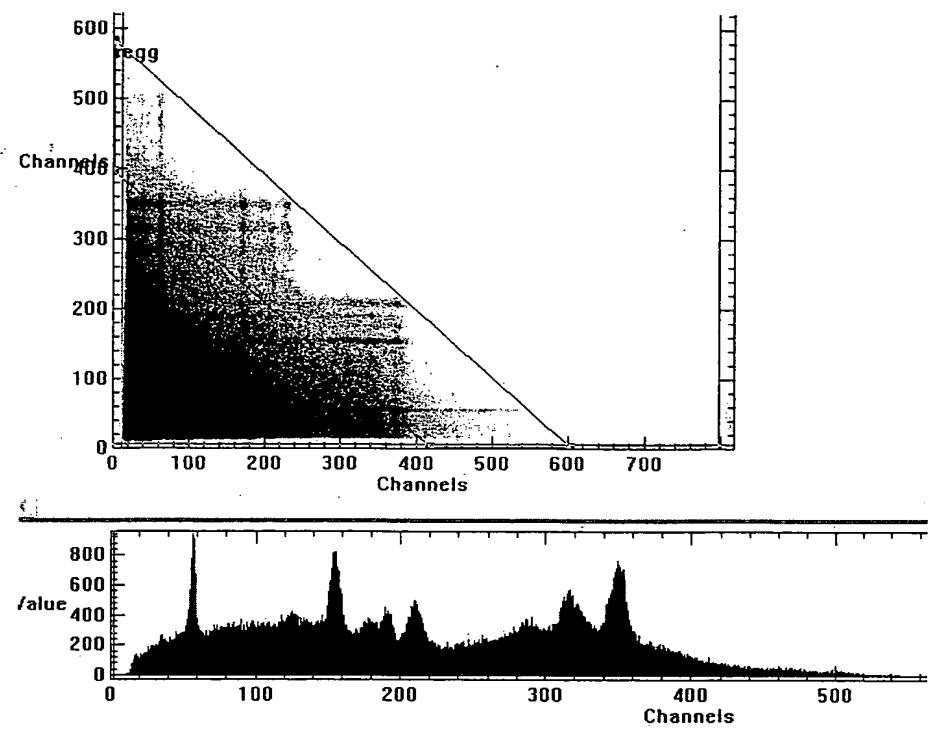


Fig. 37

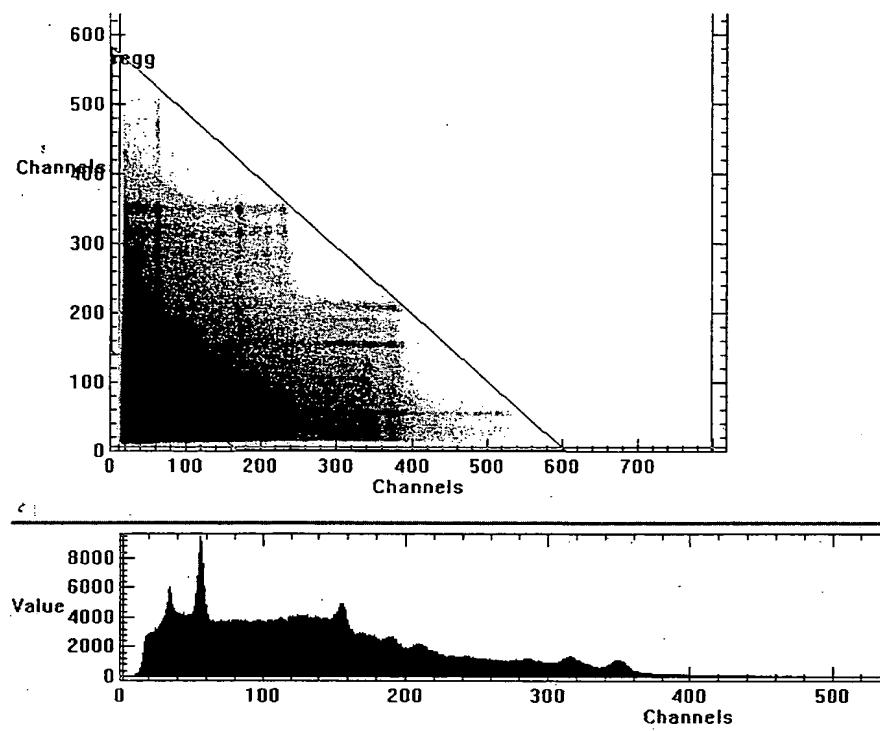


Fig. 38

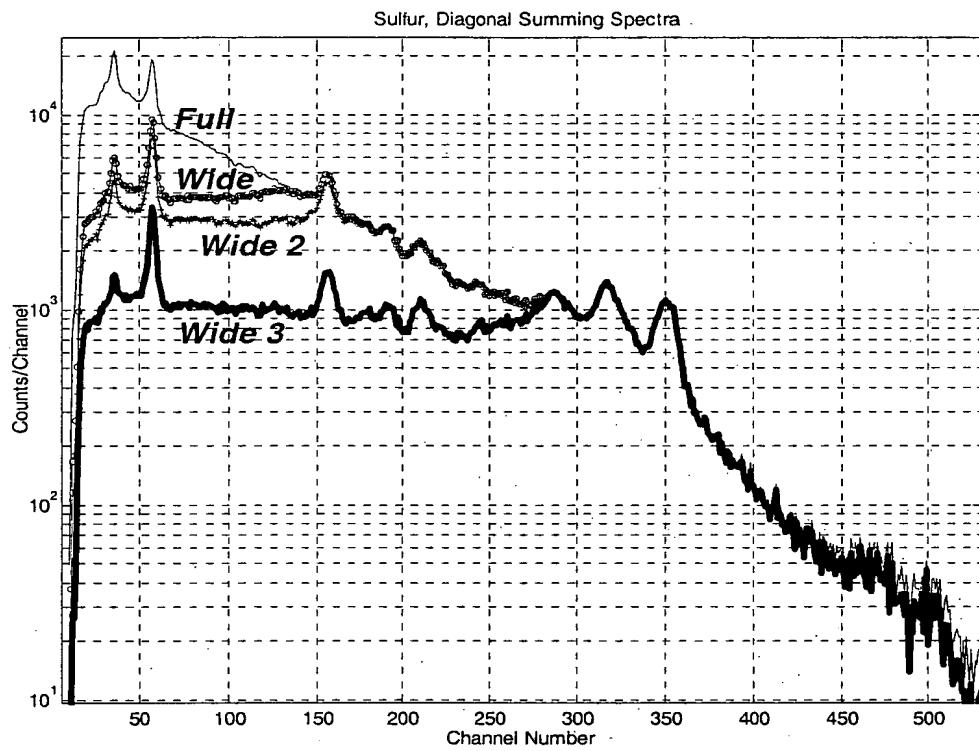


Fig. 39